

20010714.qrp v02_n250.qrl.20010714

Date: Sat, 14 Jul 2001 19:03:12 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2250

QRP-L Digest 2250

Topics covered in this issue include:

- 1) [102537] Re: Phase noise DDS Vs. Analog VFO
by "Trevor Jacobs" <fxtech@earthlink.net>
- 2) [102538] Re: OT - MMana
by "Michael Melland" <w9wis@charter.net>
- 3) [102539] Re: The Radio Shack DSP
by Randy & Cara Randall <crrandal@seidata.com>
- 4) [102540] for sale
by "pschweitzer" <pschweitzer@netzzero.net>
- 5) [102541] List Manager
by "Ed Tanton" <n4xy@att.net>
- 6) [102542] T5W
by William R Colbert <w5xe@juno.com>
- 7) [102543] Re: OT - MMana
by "Bill Jones" <kd7s@psnw.com>
- 8) [102544] Re: QRP Full Gallon?
by "Glenn Maclean" <wa7spy@home.com>
- 9) [102545] Re: The Radio Shack DSP
by "Paul R. Valko" <prvalko@oakland.edu>
- 10) [102546] RE: QRP Full Gallon?
by Nick Kennedy <nkennedy@tcainternet.com>
- 11) [102547] Re: Phase noise DDS Vs. Analog VFO
by "Dave Fifield" <dave@redhotradio.com>
- 12) [102548] FOX Log--N6WG Preliminary
by "Bob Tellefsen" <n6wg@earthlink.net>
- 13) [102549] Re:Re:Ten meter QRP ideas.
by "Michael B. Byrd" <sunbyrd@gte.net>
- 14) [102550] Re: QRP Full Gallon?
by Wayne McFee <nb6m@yahoo.com>
- 15) [102551] TurboCharging the K1/KBT-1
by "N7SG K7FD" <k7fd@hotmail.com>
- 16) [102552] Computer
by muglesto@ecentral.com
- 17) [102553] Re: SAMS Atomic Clock
by muglesto@ecentral.com
- 18) [102554] Goings On
by Oddjob Haiku <netavenger2001@yahoo.com>
- 19) [102555] RE: Phase noise DDS Vs. Analog VFO

by "Tracy" <tracy@bytemark.com>

20) [102556] Crystal question
by Bill Walker <kd7jzb@mindspring.com>

21) [102557] Re: 17mtr DSB: RX news. Need AF amp advice.
by Dan Tayloe <dtayloe@home.com>

22) [102558] QRP QUARTERLY COLLECTION
by George Gingell <k3tks@u1.abs.net>

23) [102559] Useful "D" Key on my keyboard & question about Oregon Sierras
by "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>

24) [102560] Looking for a design for an absolute-reading SWR meter for portable
use
by Dan Tayloe <dtayloe@home.com>

25) [102561] Re: Goings On
by "Trevor Jacobs" <fxtech@earthlink.net>

26) [102562] Re: Phase noise DDS Vs. Analog VFO
by Brendan Minish <EI6IZ@oceanfree.net>

27) [102563] Initial Cub Fox log KB9YIG
by "Tony Parks" <robert.parks11@gte.net>

28) [102564] MMANA / SWR Plot
by John R Kirby <n3aaz-qrp@juno.com>

29) [102565] FW: [425ENG] IOTA Most Wanted
by "Ed Tanton" <n4xy@att.net>

30) [102566] FW: [425ENG] 425 DX News #532
by "Ed Tanton" <n4xy@att.net>

31) [102567] Re: A Randy Jouett Sampler ...
by "John L. Sielke" <w2agn@pobox.com>

32) [102568] Re: List manager volunteer!
by Euramcom <mel@euramcom.freemove.co.uk>

33) [102569] Re: Looking for a design for an absolute-reading SWR meter for
portable use
by "David Ek" <ekdave@earthlink.net>

34) [102570] Test Post
by "Alex Turner" <aturner13@triad.rr.com>

35) [102571] Re: Computer
by Stephan Greene <sgreene@patriot.net>

36) [102572] Low Pass filter
by "Alex Turner" <aturner13@triad.rr.com>

37) [102573] Low pass filter help
by "Alex Turner" <aturner13@triad.rr.com>

38) [102574] Portable Self Supporting Ant project
by Gary Slagel <gdslagel@yahoo.com>

39) [102575] feedline...
by G Brandon Hoyt <preacher102677@juno.com>

40) [102576] DSP
by "James R. Duffey" <jamesd1@flash.net>

41) [102577] Field Operation Today
by "David Bixler" <qrp@netins.net>

42) [102578] SMK-1 no smoke, but...

by Kenyon Cox <kenyon@charter.net>
43) [102579] Re: Low Pass filter
by "Robert P. Okas" <vintage@best.com>
44) [102580] RE: Low pass filter help
by Nick Kennedy <nkennedy@tcainternet.com>
45) [102581] Re: DSP
by "Mike Branca" <w3irz@att.net>
46) [102582] 10 meter NVIS
by "Ronald Smith" <ronald@atdial.net>
47) [102583] <SOLVED> SMK-1 no smoke, but...
by "Kenyon D. Cox" <kenyon@charter.net>
48) [102584] Re: Low Pass filter
by "Brian Murrey" <bmurrey@amexol.net>
49) [102585] QRP QUARTERY BACK ISSUES SPECIAL
by George Gingell <k3tks@u1.abs.net>
50) [102586] Re: DSP
by Randy & Cara Randall <crrandal@seidata.com>
51) [102587] FS: QRP QUARTERLY COLLECTION
by George Gingell <k3tks@u1.abs.net>
52) [102588] Re: feedline...
by Randy & Cara Randall <crrandal@seidata.com>
53) [102589] Re: 10 meter NVIS
by "Bill Jones" <kd7s@psnw.com>
54) [102590] New QST
by "Brian Murrey" <bmurrey@amexol.net>
55) [102591] Re: 10 meter NVIS
by KB7WW Art Moe <kb7ww@uswest.net>
56) [102592] OT: Keep Eyes Out For....
by Kenneth Hoglund <hoglund@wfu.edu>
57) [102593] I have more caps, BNC's, PN2222A's
by "Brian Murrey" <bmurrey@amexol.net>
58) [102594] Re: feedline...
by Frank Brickle <brickle@pobox.com>
59) [102595] Re: Low pass filter help
by "Alex Turner" <aturner13@triad.rr.com>
60) [102596] F.S. items
by K4NK@aol.com
61) [102597] PC DSP software
by "Steven Weber" <kd1jv@moose.ncia.net>
62) [102598] Miracle Antenna
by "Karl F. Larsen" <k5di@zianet.com>
63) [102599] More F.S items
by K4NK@aol.com
64) [102600] Ham Fest / Keep Eyes Out For....
by "James R. Duffey" <jamesd1@flash.net>

Date: Fri, 13 Jul 2001 16:25:02 -0700
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [102537] Re: Phase noise DDS Vs. Analog VFO
Message-ID: <006c01c10bf3\$0b589e00\$8713f4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Steve,

> Therefore, a DDS chip
> actually improves the phase noise of an xtal oscillator, and gets
> better as the difference between the clock and DDS output
> frequency gets bigger.

That makes a lot of sence.

> However, while the phase noise of a DDS chip can be outstanding, the
> spurs produced as a result of the synthesis process can be an issue,
> perticularly when being used as the LO of a high quality receiver.
> Personally, I'm willing to trade off the spurs in favor the stability
> and wide tuning range a DDS VFO has to offer.

I'm also a bit worried about noise from the CPU's oscillator as well, but will have to wait and see what results. I figured that use of a multi layer board with a ground layer along with adequate shielding will minimize this effect.

> As for the original question as to how to measure phase noise, that's
> something I need to look into also, as it is a concern with the VHF
> VCO I'm playing with as a potentual LO for the 2M qrp rig. Bascily,
> I'm planning on mixing the VCO down to audio (in two steps) and
> looking at the resulting output with a PC based audio spectrometer.
> Say, anyone have the URL for one of these handy?

Let me know how this turns out. Sounds interresting. Thanks

72/73
Trev
KG6CYN

Date: Fri, 13 Jul 2001 18:19:41 -0500
From: "Michael Melland" <w9wis@charter.net>
To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [102538] Re: OT - MMana
Message-ID: <00f101c10bf2\$4b590180\$5a838ad8@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> I think you'd need a computer to plot it. Isn't there an AEA device
> with a LCD panel that does this - rather expensive though.

Yep.... the AEA CIA or VIA Vector Impedance Analyzers (fancy name for antenna analyzer) graph and give all the related data. I have owned one now for several months and it's great. I also have the VIA software that interfaces it with my laptop. It saves all the data on nice graphs and even creates automatic Smith charts if you'd want one.

Mike, W9WIS

Date: Fri, 13 Jul 2001 18:36:27 -0500
From: Randy & Cara Randall <crrandal@seidata.com>
To: jamesd1@flash.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [102539] Re: The Radio Shack DSP
Message-ID: <3B4F85FB.60A35EE7@seidata.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just bought one at the Indy hamfest in like new condition for \$5.00! The noise reduction function is next to useless, but it does have a good auto notch function on SSB and the CW filter is more than adequate considering the price. It works well with older or simpler rigs. They were never worth their original price of \$79.95, but if you can get one for \$10.00 to \$20.00 it is worth it.

Randy KB8AS0

"James R. Duffey" wrote:

> Several people have commented on the Radio Shack DSP (no longer made). I

> thought that I would add my \$0.02 worth.
>
> If you want to find out what DSP is all about, the Radio Shack is a good
> introduction. It has good SSB and CW filtering, an excellent audio
> amplifier, and good built in speaker. I think it is good value for the
> money.
>
> I find only three mentionable faults with the unit:
>
> 1. The CW center frequency is fixed at 700 Hz, which is a bit high for my
> ear. As a result the narrower bandwidths are not too usable for me.
>
> 2. The CW note has a slightly raspy quality imparted to it. This is only
> objectionable if you compare it to a good note.
>
> 3. There is no adaptive noise reduction.
>
> These can be had for \$15 to \$25 at most Ham Fests and are good buys at that
> price.
>
> It is a good choice if you have a rig with no narrow IF filtering. I use it
> with my HYX-100 and TS9130.
>
> For my comments on other Audio Filters, both analog and DSP, see;
>
> <http://www.qsl.net/kk6mc/>
>
> Yours in moderation - Dr. Megacycle KK6MC/5
>
> --
> James R. Duffey KK6MC/5
> 30 Casa Loma Road
> Cedar Crest, NM 87008

--

"Freedom-is not free" -Korean War National Memorial in Washington

Date: Fri, 13 Jul 2001 18:36:44 -0500
From: "pschweitzer" <pschweitzer@netzero.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [102540] for sale
Message-ID: <001301c10bf5\$1fd79640\$a0c20404@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Heathkit HD 1250 dip meter, with manual

best offer

hallicrafters HA -1 T.O.keyer
good visual condition, does not function

best offer

bell system battery type ks7889 46.5 volt

thats any offer

NetZero Platinum
No Banner Ads and Unlimited Access
Sign Up Today - Only \$9.95 per month!
<http://www.netzero.net>

Date: Fri, 13 Jul 2001 19:55:20 -0400
From: "Ed Tanton" <n4xy@att.net>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [102541] List Manager
Message-ID: <CKEGICNFDIMCEKEDCEHFAELNHMAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'll be happy to do it. I manage the [CW] and [RACAL] reflectors-as well as several others, have done so for years, and believe it can be done.

Whoever said you define your rules, and you keep problems one-on-one was absolutely correct.

I didn't realize we were without one here. I wondered when that Radio Shack thread carried on for so long.

So... (as they always told me NOT to do in the Army) I hereby volunteer.

73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Fri, 13 Jul 2001 18:02:58 -0600
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [102542] T5W
Message-ID: <20010713.180300.-167719.5.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Any recent word on T5W? Don't recall seeing one for quite some time - months perhaps? Looked at the web page for the MI club, and nothing indicated there. Curious.
Thanks
Ray

"The more I see of the representatives of the people, the more I admire my dogs." letter from Count d'Orsay to John Foster 1850
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

Date: Fri, 13 Jul 2001 17:00:50 -0700
From: "Bill Jones" <kd7s@psnw.com>
To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [102543] Re: OT - MMana
Message-ID: <003e01c10bf8\$42468f80\$438b6bd1@microsoft.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Steve and all who replied,

The original question posted by C03J0 - Joc, refers to the freeware program called MMANA.

I posted an announcement on qrp-l a few days about the availability of this antenna analysis software. There is a mail-list for MMANA in yahooogroups.com but because it's so new there are only a handful of members and I suspect we are all struggling to teach ourselves the ins and outs of the program. So far it looks fantastic and I've already learned a few things about my antennas that are real eye openers but like others, I have a long way to go. Want to join us, Steve?

=====

Bill Jones - KD7S <><
Sanger, California

=====

----- Original Message -----

From: "Steven Weber" <kd1jv@moose.ncia.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, July 13, 2001 11:25 AM
Subject: Re: OT - MMana

> Bill,
> I think you'd need a computer to plot it.

Date: Fri, 13 Jul 2001 17:05:01 -0700
From: "Glenn Maclean" <wa7spy@home.com>
To: <k5di@zianet.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [102544] Re: QRP Full Gallon?
Message-ID: <00c401c10bf8\$a0b9a340\$11710c41@scrmnt1.ca.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Karl,

The mini boots amp would be very easy to limit it to 5 watts. All that would be required is a fixed resistor in place of the variable pot of the proper value to limit the amp to 5 watts max output.

Glenn WA7SPY

Date: Fri, 13 Jul 2001 20:16:49 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Randy & Cara Randall <cerrandal@seidata.com>
Cc: QRP List <qrp-l@lehigh.edu>
Subject: [102545] Re: The Radio Shack DSP
Message-ID: <Pine.OSF.4.21.0107132010210.22150-100000@saturn3.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 13 Jul 2001, Randy & Cara Randall wrote:

> rigs. They were never worth their original price of \$79.95, but if
> you can get one for \$10.00 to \$20.00 it is worth it.

\$5 is quite a bargain for that unit.

Not to get into an argument - there's been WAY too much of that here lately - but IMHO the RS DSP was worth every penny of the \$79.95 original price. They were a steal at the \$25 close out! It generated a lot of talk on the QRP-L a few years ago when they were introduced. The audio amp was great with some of the headphone-only QRP rigs of the day.

I also own a \$300 Timewave DSP and quite frankly it doesn't provide any significant benefits (well, not \$200 worth) over the old \$80 RS unit.

73! =paul= W8KC

Collector of Ten*Tecs and other fine plastics.

Visit the Virtual Ten*Tec Museum at:

<<http://www.acs.oakland.edu/~prvalko>>

Date: Fri, 13 Jul 2001 20:21:52 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [102546] RE: QRP Full Gallon?
Message-ID: <01C10BD9.74657720.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

There are a lot of nice designs out there for both FET and BJT class C QRP amplifiers.

One interesting departure from these is Steven Weber's "Curiously Strong Amplifier" in the January 2000 QRP Quarterly. It's a 10 watt push-pull linear amplifier. Being linear, you can of course adjust the drive to 5 watts. And also, it could make a nice building block if you ever decide to do something crazy like trying SSB.

Haven't built it yet, but I've got the parts together. I thought the binocular cores might be a bit exotic, but they were available from both Dads and Radio Shack. The design includes a switch-around T/R relay.

Steven built it into an Altoids case. I think I'll give myself a little more room.

72--Nick, WA5BDU

Date: Fri, 13 Jul 2001 18:30:01 -0700
From: "Dave Fifield" <dave@redhotradio.com>
To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [102547] Re: Phase noise DDS Vs. Analog VFO
Message-ID: <002201c10c04\$811dc960\$0200a8c0@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Steve,

I have recently been doing phase noise measurements.

I copied the ARRL's test setup. My results have been very close to theirs. I don't think you will get a good enough S/N ratio out of sampling the mixed-down-to-audio signal with a sound card in a PC (unless it's a specialized music studio card) using an audio spectrum

analyzer program. To study the kind of phase noise a good local oscillator should have, you will need a spectrum analyzer capable of seeing -138dBm or so, with an ultra-low noise 50dB audio preamp in front of it.

Also, you will need a very good highpass filter after your mixer and more than likely a fairly good low pass filter too (just like the ARRL setup). The mixer - ah, the mixer - that will need to be a pretty high-level jobby too, and the frequency source you are mixing the local oscillator down with will also have to be a very high quality (low phase noise) generator in itself.

In summary, measuring phase noise accurately is not trivial. You need to spend quite a bit of time and thought and money to do it right.

Cheers for now, enjoyed this thread thus far.
72, Dave Fifield, AD6A

NOTE to all concerned - I have a new email ID now
dave@redhotradio.com
please change it in your address book if you would.

----- Original Message -----

From: "Steven Weber" <kd1jv@moose.ncia.net>

Subject: Re: Phase noise DDS Vs. Analog VFO
(snip)

> As for the original question as to how to measure phase noise, that's
> something I need to look into also (snip)

Date: Fri, 13 Jul 2001 18:38:27 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [102548] FOX Log--N6WG Preliminary
Message-ID: <MABBJ0EAB0ILMKCJCLFCAEABCJAA.n6wg@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, now, that was fun. We ought to do this again sometime.

It seems I wound up with 78 calls logged, including myself as Fox.

I used the new single-press keyer firmware in my K2, and it did the job nicely. I was able to hand key a response to a hound with his call, press the button for my canned report, and hand key his call again very smoothly. This gave me time to keep up my paper log.

I looked for my fellow Fox, Ben. I could tell where he was by the stations working him, but nary a whisker was seen or heard.

Here are the stations I worked as I logged them.
For any corrections please email me directly, no need to clutter up QRP-L with one-on-one stuff.

In a day or two I'll pass the finished log on for posting.

Thanks much to all who came out to play. I'm sorry I couldn't catch everyone who called. At times conditions could best be described as grim.

73, Bob N6WG
Newark, CA

TIME CALL	RST	ST	NAME	PWR
0200 NQ7X	559	AZ	FLOYD	5W
0203 N4ROA		579 VA	DAN	5W
0204 N1FN	559	CO	ET	5W
0204 K0EVZ		569 ND	DOC	5W
0205 W5USJ		559 TX	CHUCK	5W
0206 N1EU	559	NY	BARRY	5W
0207 K5AAR		559 OK	DON	5W
0208 K4FB	559	FL	PAUL	5W
0208 N2WW	559	CO	LARRY	5W
0209 N0DSP		599 CO	TOM	5W
0210 K0FRP		579 CO	AL	5W
0211 W0DC	559	MN	JOHN	5W
0212 W9XU	559	WI	LON	5W
0213 WA9TZE	559	WI	JIM	5W
0214 W8RU	559	MI	RON	5W
0214 N9AW	559	WI	JERRY	5W
0216 K5YU	559	TX	HARV	5W
0216 W0HEP		599 CO	RICH	5W
0217 KC1FB		559 CT	JIM	3W
0218 N6XG	579	CA	WALT	200MW
0219 AB0CD		559 CO	DICK	5W
0220 K5OI	559	NM	TIM	5W
0221 K4MF	559	FL	GARY	5W
0221 K5JHP		559 TX	BILL	5W
0222 K8CV	559	MI	WALT	5W

0223	W5YR	559	TX	GEORGE	5W		
0224	N5TW	559	TX	TOM	5W		
0225	WV9N	559	OH	RANDY		5W	
0226	K5DW	559	TX	DON	5W		
0227	K4GT	559	GA	JIM	5W		
0227	N0HRL		559	MN	KEN	5W	
0229	WA8NTA	559	CO	DICK	5W		
0229	N5IB	559	LA	JIM	5W		
0231	K9IUA		339	ND	KEVIN		5W
0233	VA6RF		579	AB	EARL	5W	
0234	NM5M	559	TX	ERIC	5W		
0235	KJ0C	559	MO	JIM	5W		
0236	N1TP	579	FL	TOM	5W		
0237	K4TJD		559	GA	TOM	5W	
0238	KV4EE		559	OK	CRAIG		5W
0239	W6ABC		559	CA	JACK	5W	
0241	KB1ENS	559	VT	JOHN	5W		
0242	W0CH	559	MO	DAVE	5W		
0243	K3NG	559	PA	GOODY		5W	
0244	KI0II		559	CO	RON	1W	
0245	K0PC	559	MN	PAT	5W		
0245	AA50	559	LA	VERN	5W		
0247	AC5JS		559	OK	TOM	5W	
0248	AD4J	559	GA	JIM	5W		
0249	VE6JAZ	559	AB	ROBERT	5W		
0251	W9HL	559	IL	RANDY		5W	
0251	VE1MT		559	NS	LAYTON	3W	
0253	W9UQB/7	559	AZ	MIKE	5W		
0254	N0IT	559	MO	DAVE	5W		
0257	NV4V	559	KY	PETE	5W		
0258	W8KC	559	MI	PAUL	5W		
0300	AA4LR		569	GA	BILL	5W	
0301	KA3WMJ	559	PA	KEN	3W		
0304	VE6EX		559	AB	DAN	5W	
0305	VE5RC		599	SK	BRUCE		5W
0310	AJ9U	559	WI	BOB	5W		
0314	KI0RB		559	CO	VINCE		5W
0315	N5YFC		559	LA	WAYNE		5W
0316	AA7EQ		559	AZ	BOB	5W	
0317	K5BGB		579	TX	ROD	5W	
0319	NB0W	559	NE	SCOTT		2W	
0321	NX8C	559	MI	NEIL	5W		
0325	WE9K	599	WI	GLENN		5W	
0326	AG0T	559	ND	TODD	5W		
0333	N8VW	529	OH	PAT	5W		
0335	K5EOA		559	LA	WAYNE		5W
0337	K9QVI		569	IL	JOHN	5W	
0339	NK9G	559	WI	RICK	5W		

0340 N0TK	559	CO	DAN	3W
0344 KM5VY		559	NM TOM	5W
0354 KG6ELY	559	CA	RON	2W VERY QRN
0359 N0RC	599	CO	ROD	5W
0400 N6WG	FOX	CA	BOB	5W

Date: Fri, 13 Jul 2001 21:45:29 -0400
 From: "Michael B. Byrd" <sunbyrd@gte.net>
 To: qrp-L List <qrp-l@Lehigh.EDU>
 Subject: [102549] Re:Re:Ten meter QRP ideas.
 Message-ID: <3B4FA42F.97300095@gte.net>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=iso-8859-1; x-mac-type="54455854"; x-mac-creator="4D4F5353"
 Content-Transfer-Encoding: 8bit

Gentlemen and Ladies of the List,

I just want to thank all of those who responded to my request for help in finding circuits for a ten meter QRP rig. I had no idea I would get that much e-mail. I thank each of you for the time and effort you took. Oddly, there were no real duplications so I have a lot of information to go through. I am already leaning towards one design, could be fun.

I also want to thank those of you that just passed along words of encouragement. I even had an offer of a loan of a rig until I finish the K1. That was indeed unusual and appreciated, but the K1 is nearing the alignment stage and will be functioning soon.

Here is something for you Macintosh users...
 Today Stimpsoft released a web browser called Solscape. It mines the internet for up to the minute reports on solar activity, warnings, flux index, images and much more.
 I checked it out and found it to be very professional and slick. It will retrieve a wealth of information from many sites. It can be configured to your needs and the best part is... it's free. Their web site is at www.stimpsoft.com. They have quite a few other applications

and are of course...free. As they put it "159% Free-because we are that stupid"
Funny
guys, but very serious about quality software for Macintosh. So, if you really
want to be
up to the minute with the latest propagation information...download it.

I would like to make a comment about the published procedures for working QRP. I
read
most everything and have worked quite a bit over the years and have come to this
conclusion. Forget what you have read and make it up as you go. An example...the
idea
of calling only strong signals with the idea that they are the ones that will most
likely
hear you. Strong signals equating to better propagation paths or less distance. If
I had
followed this rule, I would have missed out on my most memorable contacts. On 40
meters hearing a weak G5 calling cq, I answered with my HW-8. I made my first QRP
contact with Europe that night, solid both ways, but weak. Later that same night a
DL
also, wow what a night! On ten meters, worked my first RA3 that was mostly in the
noise. It took many tries on both sides just exchange our calls, very exciting
QSO.
I do follow the "rule" about using the best antenna I can come up with. My QSO
with
the G5 was with an inverted V with the ends just off the ground. I did convert a
light
weight CB yagi for ten meters. That was 4 elements to start, but was poorly
designed.
I converted it to a wide spaced 3 element yagi and it became a real performer. A
light
duty TV rotor completed the array. Very cheap and very effective.

The only point I am trying to make is "If in doubt-try it". If it fails three
times in a
row, try it a fourth time. After working Europe QRP from Florida, I thought I
could
work anything I could hear. For the next three days, I couldn't get even locals to
answer.
I went out to see if the antenna was on the ground, but it wasn't. It's just QRP's
way of
keeping you humble after a great catch, hi.

I know no one wants to hear any more about the recent events of name calling on
this list.

But, I am going to say it anyway. I belong to many list on many subjects covering from Printmaking, Professional Illustrators and Specialized Photography. Over the years, every list degrades to a "flame-war" once in a while. True, on my other lists, the moderator steps in and takes charge at some point. Some lists are simply shut down for a few days while others will unsubscribe the offending parties. At that point, the subject is closed. All of these list are surviving and a "flame-war" will erupt in the future. It is part of human nature, many personalities exchanging ideas. It is difficult sometimes to understand how some comments are intended. Most times a joking slap on the back is taken to mean the worst possible intent. The english language has so many nuances that can only be properly interpreted with the visual expressions or hearing the verbal punctuation.

There is an almost cliché saying. You only degrade yourself if you degrade others. It does sound like a cliché, but very true. It is only in the eyes of others that you will be degraded, not your own. At that point, you are blind and deaf. It is a self defense mechanism. You must realize that you can not elevate yourself by stepping on others. From your vantage point, you are higher up than you were. From our vantage you are a disgrace to human integrity.

Disclaimer: the above pronouns you, yourself and others are generic and make no personal reference to persons past or present.

Well, off to bed for me and up early to start gathering parts for a ten meter rig.

Good night to all and may the QRP be with you.

Michael, WD4MFB
Tampa, Florida
K1-583
BVD-size34

Date: Fri, 13 Jul 2001 19:00:00 -0700 (PDT)
From: Wayne McFee <nb6m@yahoo.com>
To: wa7spy@home.com
Cc: qrp-1@Lehigh.EDU
Subject: [102550] Re: QRP Full Gallon?
Message-ID: <20010714020000.10184.qmail@web14909.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Gang,

The best way to limit the MiniBoots Amp to 5 Watts, if you don't want to build it with the capability for more than that, is to use the output network values published in the article that set the amp up for 5 Watts, nominally, to begin with.

The drive level pot would still be used, and would be set so that the output is exactly 5 Watts, if that is what is desired.

Incidentally, I just had an email and a digital photo attachment from a couple of hams who just built the 40 meter version of the MiniBoots, Manhattan style, and reported 14.5 Watts out with 1 Watt in, from a Fireball 40. Efficiency was 75% at that level, and was down to 55% with the amp turned down, via the drive level pot, to 5 Watts out.

I think that the PA will be more efficient at the 5 Watt level if the output network values are used which set up the amp for that output level to begin with, but haven't verified that in actual practice.

72

Wayne NB6M

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail
<http://personal.mail.yahoo.com/>

Date: Fri, 13 Jul 2001 19:27:58 -0700
From: "N7SG K7FD" <k7fd@hotmail.com>
To: qrp-l@Lehigh.EDU
Cc: elecrafft@qth.net
Subject: [102551] TurboCharging the K1/KBT-1
Message-ID: <F213VjUQtXvX0CcUB5A0000251e@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Inspired by a recent visit to the movie theatre and a bag of popcorn, the flick 'The Fast and Furious' got me to thinking. Yes, I know, I know...that IS dangerous. But what if I could add more oomph to the K1's portable horsepower...just a few more precious volts...

If you're curious, check out:

<http://www.teleport.com/~cqdx/turbo.htm>

See you on the street,

73 John K7FastDriver

Get your FREE download of MSN Explorer at <http://explorer.msn.com>

Date: Fri, 13 Jul 2001 18:45:35 -0600 (MDT)
From: mugglesto@ecentral.com
To: qrp-l <qrp-l@lehigh.edu>
Cc: bmug <bmug@gwl.com>
Subject: [102552] Computer
Message-ID: <Pine.LNX.4.10.10107131843200.1053-100000@mugleston.mugs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was just poking through a box that was sitting high on a shelf and found my old Timex Sinclair 1000 (with extra ram) and was wondering if there was any HAM software anywhere that would work on it?

Don't have web access right now so I can't do any surfing.

Brad Muggleston, KI00T
Aurora, Arapahoe Cty, Colorado
DM79oq 39.692500N 104.802600W
CQC #170, QRP-L #316, NorCal #2934

Date: Fri, 13 Jul 2001 18:16:40 -0600 (MDT)
From: mugglesto@ecentral.com
To: "Lofstead, Jerry" <Jerry.Lofstead@itb.mckhboc.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [102553] Re: SAMS Atomic Clock
Message-ID: <Pine.LNX.4.10.10107131814070.1021-1000000@mugleston.mugs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Mine works - it goes -1 through -12 then GMT (looks 6MT). Hope that helps.

Mine has a model number of 86712 on the back no brand name.

Brad Mugleston, KI0OT
Aurora, Arapahoe Cty, Colorado
DM79oq 39.692500N 104.802600W
CQC #170, QRP-L #316, NorCal #2934

On Fri, 13 Jul 2001, Lofstead, Jerry wrote:

> The fellow I believe in Colorado who got the clock to work on GMT...
>
> Finally, my SAM's CLUB got the clocks in. I got 2 while they were still
> there. The received 70 clocks. Check your SAM's again, they are in the
> "office supplies" dept.
>
> I can not get mine to go to GMT, it will go to -11 hours but not GMT. Any
> special button pushes?? Otherwise, WOW nice size numbers that you can see
> from 50 feet with no trouble! Love it.
>
> Jerry
> W3CDE
> Atlanta, GA
>

Date: Fri, 13 Jul 2001 20:59:15 -0700 (PDT)
From: Oddjob Haiku <netavenger2001@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [102554] Goings On
Message-ID: <20010714035915.32090.qmail@web20102.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Ya know, I just don't get it. All this fuss over a misunderstanding. Here we gots Randy all discombobulated and a callin' good ol' Laura a thespian and everyone gets bent out of shape. I means, I thinks it's great that she's an actress as well as a 'lectrical engineear. We needs all the multi-talented people we can gets in amatoor ratio.

So let's just keep the postin's to more relevent stuff, like Foxii Huntin', kits a buildin' and udder fascinating stuff. And lay off ol' Randy - that Prozac-Welbutrin cocktail he kicks down several times a day takes time to do its stuff.

73s y'all,

The Odd One

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail
<http://personal.mail.yahoo.com/>

Date: Fri, 13 Jul 2001 14:59:52 -0400
From: "Tracy" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.EDU>, <fxtech@earthlink.net>
Subject: [102555] RE: Phase noise DDS Vs. Analog VFO
Message-ID: <NCBBICHAOKICOGKID00GOELCENAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The AD dds stuff is great - I put out a DDS card years ago using the 9850 and it works great as a general lo for all sorts of projects. The 9835 has got to be a great chip.

All I can say, is use as good a reference as you can afford!

Good luck!
Tracy N4LGH

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Trevor Jacobs
Sent: Friday, July 13, 2001 4:10 PM

To: Low Power Amateur Radio Discussion
Subject: Phase noise DDS Vs. Analog VFO

Hi Guys and Gals,

I've been playing around with an Analog Devices AD9835 DDS lately to use as a general purpose VFO and have a couple of questions concerning phase noise. First, how do I accurately measure it, and secondly how does it compare with a more traditional analog VFO in respects to phase noise. I know that several of you have used this chip in various projects, so I was wondering if anyone had some data on this. Thanks in advance...

72/73
Trev
KG6CYN

Date: Sat, 14 Jul 2001 04:08:12 +0000
From: Bill Walker <kd7jzb@mindspring.com>
To: qrp-l@Lehigh.EDU
Subject: [102556] Crystal question
Message-ID: <01071404081200.01129@deneb.localdomain>
Content-Type: text/plain;
 charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Hi all,

I have been wanting to do some playing around with crystal controlled oscillators and in preparing to do so have run into a question about crystals that I've never considered before.

Are the crystals used in a VXO circuit, series or parallel cut and what is the difference?

I do some PIC programming and know that parallel cut crystals are required for the oscillator for the 16F84, which is what brought my attention to this in the first place.

Be nice, I have done a great deal of circuit construction and even a little design work but have never had to deal with crystal oscillators outside of a kit before. :-)

72,

--
Bill Walker - KD7JZB

<http://www.qsl.net/kd7jzb/>

Date: Sat, 14 Jul 2001 12:27:48 -0700
From: Dan Tayloe <dtayloe@home.com>
To: NM5Mike@aol.com, qrp-l <qrp-l@Lehigh.EDU>
Subject: [102557] Re: 17mtr DSB: RX news. Need AF amp advice.
Message-ID: <3B509D34.5E5221CD@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Eric:

A rf preamp is never a good idea on 40m. Receivers typically have a sensitivity of -130 dbm or better and atmospheric noise doesn't get below -116 dbm. 15 meters and higher is another story.

I suggest more audio amplification.

I do not think the LM380 has the same circuit configuration as the LM386, but the parts count is about the same.

- Dan, N7VE

NM5Mike@aol.com wrote:

>
> Dan
>
> Thanks for the advice!
>
> Although I was not the intended recipient, I have benefited greatly from your
> post.
>
> I am currently building a 40 meter superhet receiver using NE602 mixers. The
> receiver is very deaf and would benefit from an FET preamp in the front end
> as well as additional audio amplification.
>
> Just to be sure that I understand, will the LM 830 Op Amp plug into most
> circuits that are already using an LM386?
>
> Regards,
>
> Eric NM5M
>
> Thanks again

Date: Sat, 14 Jul 2001 00:33:49 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [102558] QRP QUARTERLY COLLECTION
Message-ID: <Pine.BSF.4.33.0107140017290.92360-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have for sale one Collectors Set of The QRP Quarterly. While it is not complete, It is the Best Package I have had to offer in several years.

I recently received an addition to our stock of back issues.

Here is the Contents of this ONE ONLY SET! THE 1997 SET is The Rare Find.

1993 # 2 (APR) & #4 (OCT) 1995 #2 (APR), #3 (JUL), & #4 (OCT)

1996, 1997, 1998, 1999, 2000 Year Sets plus 2001 #1 (JAN) & #2 (APR)

The Price on this Package Postpaid in the U.S. is \$ 150.00

!!! SINCE THERE IS ONLY ONE OF THESE PACKAGES, SEND ME EMAIL FIRST. !!!

In the event of Multiple Requests, I will Have my Granddaughter Draw the Winning Offer.

The Losers will be offered a Second Deal based on What is in Stock.

SORRY We ONLY found the ONE 1997 SET. Next time I make Hank Dig Deeper :^}

Make your Check/Money Order out to "George D. Gingell" and mail it to me
at 3052 Fairland Road, Silver Spring, MD 20904-7117

OR Payment may be made via "PayPal" to George D. Gingell, K3TKS,<k3tks@abs.net>
<<https://secure.paypal.x.com/refer/pal=k3tks%40abs.net>>

PLEASE REMEMBER to include your Name, Callsign, Current Mailing Address, and QRP ARCI Membership Number if you have one.

1996, 1998, 1999, 2000 Years Sets Still on \$ 24.00 Special Postpaid.

Plus 1 Free Bonus Issue per year set as available.

Sir George, The First :^}

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Notary Public and Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Sat, 14 Jul 2001 00:34:03 -0400 (EDT)
From: "Scott Rosenfeld [N7JI]" <ham@w3eax.umd.edu>
To: Don Wilhelm <w3fpr@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [102559] Useful "D" Key on my keyboard & question about Oregon Sierras
Message-ID: <Pine.LNX.4.30.0107140031060.17813-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Naah, just do what I do - use the D (DELETE) key frequently.

Obligatory QRP:

Does anyone have a Sierra in the Willamette Valley? I would like to see if there's a problem with my module(s) and/or with my radio, and with only one radio and one module for each of five bands, it's kinda hard to do any kind of comparison.

Thanks,

Scott

> Sorry folks,
> Things have gotten quite out of hand here, and I do not have time for such
> nonsense.
> I subscribed to this list for over 5 years, and have enjoyed it in the past.
> I do not have time or desire to set individual filters, and certainly do not
> have any tolerance for the gender attacks that are currently being made.
>
> You can color me gone too.
> 73
> Don Wilhelm -Chapel Hill, NC W3FPR home page: <http://www.qsl.net/w3fpr/>
> QRP-L # 485 K2 SN 0020 [mailto: w3fpr@arrl.net](mailto:w3fpr@arrl.net)
>
>

--

Scott Rosenfeld ARS N7JI
541-684-9970 Eugene, OR Land o' much rain
If you find me on the air, I'm probably in my car
ham@w3eax.umd.edu <http://w3eax.umd.edu/~ham>

Date: Fri, 13 Jul 2001 21:57:30 -0700
From: Dan Tayloe <dtayloe@home.com>
To: ekdave@earthlink.net, qrp-l@Lehigh.EDU
Subject: [102560] Looking for a design for an absolute-reading SWR meter for
portable use
Message-ID: <3B4FD13A.F182F529@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dave:

The easy way would be to use a meter, a 50K pot, and a diode all in
series
to replace the LED. In the tune mode, disconnect the antenna, transmit,
and set the pot for a full scale meter reading.

Then, attach the antenna, keep it in tune, transmit, and read the meter
for
the SWR.

To keep it small, just use a small meter.....

The novel part of using the LED was to replace the meter to make it
rugged,

cheap and small!

- Dan Tayloe, N7VE; Phoenix, Az; Az ScQRPions

>Gang,

>For a while now I've been in search of a design for an SWR meter which is
>extremely compact (for backpacking) but which reads absolute SWR (at least
>approximately, if not extremely accurate). My ZM-2, of course, has the LED
>indicator for relative SWR but there are circumstances where that's not
>sufficient, or where I don't want the ZM-2 in the line Why? 'cause I'm a
>geek, that's why! What other reason is there?... ;-) Seriously, there are
>times when it'd be nice to know the approximate SWR when playing with
>antennas in the field. It would also be cool to build one into one of my QRP
>rigs.

>At any rate, the only thing I've seen which might fill the bill is the SWR
>indicator part of the rainbow tuner design. Before I adapt this for my own
>purposes, or before I embark on designing my own, have I missed any obvious
>solutions? I've searched all the usual references. Maybe just a scaled-down
>version of the SWR bridge shown in one of DeMaw's books?

>Anybody have any bright ideas?

>73 de Dave AB0GO

Date: Sat, 14 Jul 2001 01:05:12 -0700
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: <netavenger2001@yahoo.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [102561] Re: Goings On
Message-ID: <013001c10c3b\$b62d2420\$8713f4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I smell a rat... Hi Hi ;-)

----- Original Message -----

From: Oddjob Haiku <netavenger2001@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Friday, July 13, 2001 8:59 PM
Subject: Goings On

> Ya know, I just don't get it. All this fuss over a
> misunderstanding. Here we gots Randy all
> discombobulated and a callin' good ol' Laura a
> thespian and everyone gets bent out of shape. I
> means, I thinks it's great that she's an actress as
> well as a 'lectrical engineear. We needs all the
> multi-talented people we can gets in amatoor ratio.
>
> So let's just keep the postin's to more relevent
> stuff, like Foxii Huntin', kits a buildin' and udder
> fascinating stuff. And lay off ol' Randy - that
> Prozac-Welbutrin cocktail he kicks down several times
> a day takes time to do its stuff.
>
> 73s y'all,
>
> The Odd One
>
> -----
> Do You Yahoo!?
> Get personalized email addresses from Yahoo! Mail
> <http://personal.mail.yahoo.com/>

Date: Sat, 14 Jul 2001 11:36:35 +0100
From: Brendan Minish <EI6IZ@oceanfree.net>
To: kd1jv@moose.ncia.net, <qrp-l@lehigh.edu>
Subject: [102562] Re: Phase noise DDS Vs. Analog VFO
Message-ID: <5.1.0.14.2.20010714005236.034a4008@mail.oceanfree.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 18:25 13/07/2001 +0000, Steven Weber wrote:

>Bascily,
>I'm planning on mixing the VCO down to audio (in two steps) and
>looking at the resulting output with a PC based audio spectrometer.

Don't forget your results will probably be limited by the general nastyness, Clock Jitter and non-linearity that plague the average PC sound card. You are going to have to at least borrow a really good A to D converter for your results to be in any way meaningful.

>Say, anyone have the URL for one of these handy?

<http://www.mnsinc.com/rshorne/gram.html>
is nice & shareware

<http://www.cooledit.com/>
Should be in every Ham's audio tool kit, Shareware

<http://www.siasoft.com/>
Is Wonderful but complete overkill for this sort of thing, Great for room acoustics though.

--

Brendan Minish EI6IZ
ei6iz@oceanfree.net
PGP key available from key servers [wwwkeys.pgp.net](http://www.keys.pgp.net)

Date: Sat, 14 Jul 2001 06:19:54 -0500
From: "Tony Parks" <robert.parks11@gte.net>
To: <qrp-1@Lehigh.EDU>
Subject: [102563] Initial Cub Fox log KB9YIG
Message-ID: <001001c10c56\$e9219ee0\$1185113f@3dse0>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Hounds,

Thanks for being patient with a first time cub fox last Tuesday, July 10. The QRN level and QSB was such that I just could not copy some of the weak signals. One QRO station came on frequency and did not seem to understand what was going on. Nevertheless I exchanged info with him and went looking for others. Very sorry I could not pull some of you out. Also I was manually logging so please check my log and e-mail me directly on any corrections.

Thanks for all the fun!
72,
Tony
KB9YIG

TIME CALL RST RST STATE SPC PWR
SENT RCV
0155 WOMC 329 339 CO JERRY 5W
0201 W5YR 559 559 TX GEORGE 5W
0202 K0EVZ 559 589 ND DOC 5W

0205 W6ABC 559 559 CA JACK 5W
0207 KV4EE/5 559 559 OK CRAIG 5W
0210 AG0T 559 559 ND TODD 300MW
0211 K4GT 559 559 DNF
0214 WA7SPY 559 559 CA GLENN 5W
0217 KD5IVP 559 359 ?? PAUL 3W
0221 KE6RS 559 559 CA RON 5W
0223 N6XG 559 579 CA WALT 200MW
0225 W0CH 559 579 MO DAVE 2W
0226 KB7WW 559 559 OR ART 5W
0227 KK5LD 559 559 TX DAN 5W
0229 K4FB 559 579 FL PAUL 5W
0230 VA6RF 559 559 AB EARL 5W
0233 K7FD 559 579 OR JOHN 5W
0234 NF0R 559 579 MO DAVE 4W
0238 N5IB 559 559 AR JIM 5W
0241 KC1FB 559 559 CT JIM 3W
0245 KJ0C 559 579 MO JIM 3W
0248 KI0II 559 579 CO RON 1W
0255 W9UQB/7 559 559 AZ MIKE 5W
0258 AA7EQ 559 559 AZ BOB 5W
0302 KG4FSN 559 559 FL JUAN 4W
0306 KD5IJT 559 559 AL DOUG 10W
0310 NB0W 559 559 NE SCOTT 2W
0323 KA5MVV 559 579 NE JACK 100W
0331 VE5RC 559 599 SK BRUCE 5W
0347 W3CD 559 339 CA BOB 5W
0355 W5JAY 559 599 AR JAY 1W
0400 KB9YIG 559 IN TONY 5W

Date: Sat, 14 Jul 2001 08:35:34 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [102564] MMANA / SWR Plot
Message-ID: <20010714.083541.-198619.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Here is how I do it.

>From the GEOMETRY window load (click FILE) the 'antenna your choice.
>From the COMPUTE window click START, then click PLOT.
>From the PLOT window, click RESONANCE, answer YES to the WRITE file
question,

click the SET tab, click LIMIT SWR, get rid of INFINITY (click something else),
click the SWR TAB.

I "feel" this SWR PLOT *reflects* (no pun intended)
the >L/C< Network that MMANA >BUILDS< . . .
>From the GEOMETER window, click any white area under NEXT,
then click OPTIONS and SETUP,
then click L/C MATCH or any other tab of your choice.

WOW ! ! ! 'aint this MMAMA nice?

Thanks again MM (JE3HHT).

John
N3AAZ
FM 19 xa

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 14 Jul 2001 08:38:22 -0400
From: "Ed Tanton" <n4xy@att.net>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [102565] FW: [425ENG] IOTA Most Wanted
Message-ID: <CKEGICNFDIMCEKEDCEHFOENFHMAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

72/73 Ed Tanton N4XY <n4xy@arrl.net>

website: <http://www.n4xy.com>

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Subject: [425ENG] IOTA Most Wanted

>>> MOST WANTED IOTA ISLAND GROUPS <<<
>>> by courtesy of the RSGB IOTA Committee <<<

The listing shows the "rare" groups, i.e. those which less than 10% of members have credited. For an operation from any of these groups validation material is required. The percentage on the right is the proportion of members who have submitted valid cards. The listing has been generated after the 2001 Honour Roll/Annual Listing exercise and reflects the position as at 28 April 2001. The full continental listings are available at

<<http://www.rsgbiota.org>>

AF-090	5R	Madagascar's Coastal Islands East	0.00%
AS-153	VU	West Bengal State group	0.00%
AS-154	TA	Black Sea Coast East group	0.00%
AS-155	BV	Taiwan's Coastal Islands	0.00%
AS-156	R0B	Ushakova Island	0.00%
AS-157	3W	South China Sea Coast Centre group	0.00%
EU-188	R1P	Pechorskoye Sea Coast West group	0.00%
NA-218	C08	Las Tunas to Santiago de Cuba Province group	0.00%
NA-220	OX	Greenland's Coastal Islands South West	0.00%
OC-242	YB8	Bonerate and Taka'Bonerate Islands	0.00%
OC-244	DU1-4	Luzon's Coastal Islands	0.00%
OC-245	YB5-6	Sumatra's Coastal Islands North	0.00%
OC-246	YB8	Leti and Sermata Islands	0.00%
SA-088	PP5	Santa Catarina State South group	0.00%
AF-088	C9	Nampula District group	0.20%
AN-014	Various	Berkner Island	0.20%
OC-052	F0	Duke of Gloucester Islands	0.20%
AF-028	70	Socotra group	0.30%
AS-106	VU	Minicoy Island	0.30%
OC-155	V63	West Chuuk group	0.40%
OC-237	YB0-3	Java's Coastal Islands	0.40%
OC-243	VK6	WA State (South Coast) West group	0.40%
AS-016	70	Gulf Of Aden West group	0.60%
OC-239	YB9	Irian Jaya's Coastal Islands West	0.60%
OC-241	YB9	Timor Barat's Coastal Islands	0.60%
OC-051	F0	Rapa & Marotiri Islands	0.70%
AS-057	R0B	Uyedineniya Island	0.80%
OC-068	ZL	Snares Islands	0.80%
AF-041	VQ9	Egmont group	0.90%
OC-062	F0	Pukapuka Atoll	0.90%
NA-166	XE2	Sonora State South group	1.10%
AF-037	9L	Northern/Western Province group	1.30%
OC-057	F0	Maupihaa group	2.10%
AS-152	R0Q	Laptev Sea Coast West group	2.20%
NA-178	W6	CA State Centre (Sonoma to Santa Cruz) group	2.20%
SA-031	CE8	Wollaston Islands	2.20%

AS-149	R0F	Sakhalin's Coastal Islands	2.40%
OC-238	F0	Pukarua and Reao Atolls	2.50%
AF-071	Various	Geyser Bank (to be deleted 01-02-05)	2.60%
NA-167	XE2	Sonora State North group	2.60%
AS-009	70	Red Sea Coast group	2.70%
AF-056	9L	Southern Province group	2.80%
OC-124	ZK1	Palmerston Atoll	2.80%
OC-190	KH8	Rose Atoll	2.80%
OC-221	YB8	Kai Islands	2.90%
AS-140	S2	Khulna/Barisal Region group	3.00%
NA-186	VY0	Nunavut (Hudson Bay - Manitoba Coast) group	3.40%
OC-161	YB6	Nias & Batu Islands	3.40%
OC-236	YB8	Celebes's Coastal Islands	3.40%
OC-167	V63	Kapingamarangi Atoll	3.50%
OC-226	V63	Mwokil & Pingelap Atolls	3.50%
EU-063	JW	Spitsbergen's Coastal Islands	3.60%
EU-187	SV9	Crete's Coastal Islands	3.60%
OC-094	F0	Disappointment Islands	3.70%
AS-150	BY4	Shandong Province South group	3.80%
NA-163	XE2	Baja California State East group	3.80%
AS-124	A61	Gulf of Oman group	4.00%
OC-216	VK9	Ashmore & Cartier Islands	4.00%
AS-069	R0C	Iony Island	4.10%
OC-224	YB8	Tanimbar Islands	4.10%
OC-099	P2	Tabar Islands	4.20%
OC-103	P2	St Matthias Group	4.20%
OC-110	YJ	Torres Islands	4.30%
OC-231	P2	Green Islands	4.30%
NA-165	XE2	Baja California Sur State North East group	4.40%
OC-079	FK	Belep Islands	4.50%
OC-101	P2	Feni Islands	4.60%
OC-116	P2	D'Entrecasteaux Islands	4.60%
AS-092	R0K	Bering Sea Coast South group	4.70%
NA-053	KL	Trinity Islands	4.70%
OC-115	P2	Trobriand Islands	4.70%
EU-186	TA	Turkey group	4.80%
NA-164	XE2	Baja California Sur State North West group	4.80%
AS-033	VU	Nicobar Islands	4.90%
AS-096	VU	Karnataka State group	4.90%
EU-181	LZ	Bulgaria group	4.90%
OC-132	V63	East Yap group	4.90%
NA-070	KL	Rat Islands	5.00%
NA-162	XE2	Baja California State North West group	5.00%
OC-108	YB5	Anambas Islands	5.00%
OC-109	YB5	Natuna Selatan Islands	5.00%
SA-042	PY8	Para State West group	5.00%
OC-105	DU8	Cagayan De Sulu group	5.10%
SA-050	CE8,9	Tierra Del Fuego's Coastal Islands	5.10%

AS-061	R0K	Ratmanova (Big Diomedes) Island	5.20%
NA-121	KL	Dillingham/Bristol Bay County group	5.20%
OC-041	P2	Ninigo Group	5.30%
OC-113	F0	Actaeon Group	5.30%
OC-188	DU8	Pangutaran Group	5.30%
OC-093	DU2	Batan Islands	5.40%
OC-122	YB5	Tambelan Islands	5.40%
NA-219	C6	Cay Sal Bank Cays	5.60%
OC-091	DU1	Polillo Islands	5.60%
OC-126	DU1	Lubang Islands	5.60%
OC-205	P2	Woodlark group	5.60%
SA-074	OA3	Ancash Department group	5.60%
SA-075	OA2	La Libertad Department group	5.60%
OC-175	DU9	Sarangani Islands	5.70%
AS-091	R0X	Shelikhova Bay group	5.80%
OC-217	YB3	Kangean Islands	5.80%
AS-050	R0B	Sergeya Kirova Islands	5.90%
AF-058	VQ9	Salomon group	6.00%
NA-182	VE8	NWT (Inuvik Region) East group	6.00%
OC-102	P2	Tanga Islands	6.00%
AS-044	R0C	Sea of Okhotsk Coast Centre group	6.10%
OC-058	FK	D'Entrecasteaux Reefs	6.10%
NA-124	XE2	Baja California Sur State South East group	6.20%
OC-153	P2	PNG's Coastal Islands South	6.20%
AS-147	JA8	Hokkaido's Coastal Islands	6.30%
NA-153	XE3	Yucatan State group	6.30%
OC-192	H4	Ontong Java Atoll	6.30%
OC-125	DU6	Semirara Islands	6.40%
OC-219	YB8	Tukangbesi Islands	6.40%
AF-087	5H	Tanga Region group	6.60%
AN-018	Various	Palmer Land West (Alexander Island) group	6.60%
NA-043	VY0	Nunavut (Sverdrup Islands) group	6.60%
OC-061	Various	Minerva Reefs (to be deleted 01-02-05)	6.70%
OC-120	DU1	Cuyo Islands	6.70%
SA-065	LU	Chubut Province South group	6.70%
AF-035	S7	Farquhar Islands	6.80%
NA-078	XE2	Baja California Sur State South West group	6.80%
NA-171	XE2	Sinaloa State group	6.80%
OC-174	DU8	Tawi Tawi Group	6.80%
AS-127	S2	Chittagong Region group	6.90%
OC-200	KH8	Swains Island	6.90%
OC-218	FK	Matthew & Hunter Islands	6.90%
OC-106	YB5	Natuna Besar Islands	7.00%
OC-181	P2	Witu Islands	7.00%
OC-056	VP6	Henderson Island	7.10%
OC-163	H4	Vanikolo & Utupua Islands	7.10%
OC-184	V85	Brunei's Coastal Islands	7.10%
OC-186	YB2	Karimunjawa Islands	7.10%

NA-156	VY0	Nunavut (Hudson Bay - QC Coast) North West	7.20%
OC-158	H4	Florida Islands	7.20%
SA-076	OA1	Tumbes/Piura/Lambayeque Department group	7.20%
AF-076	5N	Bayelsa/Rivers/Akwa Ibom etc States group	7.30%
AN-013	Various	Trinity Peninsula group	7.30%
OC-076	YB8	Sula Islands	7.30%
OC-215	YB5	Mentawai Islands	7.30%
NA-159	VY0	Nunavut (King George Islands) group	7.40%
OC-179	H4	Duff Islands	7.40%
OC-180	V63	Ngulu Atoll	7.40%
OC-225	DU8	Turtle Islands	7.40%
SA-085	CE1	Atacama Province group	7.40%
NA-035	HR	Santanilla (Swan) Islands	7.50%
NA-193	VY1	Yukon Territory group	7.50%
OC-223	VK2	NSW State South group	7.50%
AS-048	R0Q	De Longa Islands	7.60%
AS-071	R0K	Bering Sea Coast North group	7.60%
NA-086	C07	Ciego De Avila/Camaguey Province North group	7.60%
NA-215	KL	Northwest Arctic County group	7.70%
EU-185	R6A-D	Krasnodarskiy Kray Black Sea Coast group	7.80%
OC-157	YB8	Banda Islands	7.80%
AS-114	R0C	Sea of Okhotsk Coast South group	7.90%
NA-004	KL	North Slope County Centre group	7.90%
NA-210	KL	Nome County Centre group	7.90%
OC-078	V63	Ulithi Atoll	7.90%
OC-197	YB3	Bawean Island	7.90%
AF-052	T5	Indian Ocean Coast South group	8.00%
OC-087	V73	Enewetak (Eniwetok) Atoll	8.00%
OC-202	DU4	Calagua Islands	8.00%
OC-232	4W	East Timor's Coastal Islands	8.00%
SA-082	HK2	Magdalena/Guajira Division group	8.00%
AS-086	R0B	Izvestiy TS.I.K. Islands	8.10%
NA-188	XE3	Oaxaca State group	8.10%
OC-235	DU8-9	Mindanao's Coastal Islands	8.10%
OC-187	VK4	QLD State (N Coast) North group	8.20%
AS-088	A7	Qatar group	8.30%
NA-158	KL	Kenai - Cook Inlet group	8.30%
NA-214	KL	Nome County South group	8.30%
OC-178	H4	Tikopia & Anuta Islands	8.40%
OC-071	VK6	WA State (N Coast) West group	8.50%
OC-092	DU2	Babuyan Islands	8.50%
SA-032	CE8	Magallanes & Antartica Chilena Prov North	8.50%
NA-189	XE1	Nayarit/Jalisco State group	8.60%
OC-069	P2	Lihir Group	8.60%
OC-166	YB7	Kalimantan's Coastal Islands East	8.60%
OC-233	VK7	Tasmania's Coastal Islands	8.60%
SA-057	CX	Colonia Department group	8.60%
SA-058	YV4,5	Carabobo/Aragua/DF/Miranda State group	8.60%

AF-062	ST	Suakin Archipelago	8.70%
NA-050	KL	North Slope County East group	8.70%
OC-208	YB8	Banggai Islands	8.70%
NA-175	VY0	Nunavut (Kitikmeot Region) West Centre gr	8.80%
NA-200	XE3	Quintana Roo State South group	8.80%
NA-216	KL	Northern Alaska Peninsula West group	8.80%
AF-070	V5	Karas Region group	8.90%
OC-090	DU1	Calamian Group	8.90%
OC-084	T32	Tabuaeran & Teraina Islands	9.00%
OC-182	VP6	Ducie Island	9.00%
NA-064	KL	Near Islands (Agattu & Attu) group	9.10%
NA-179	XE2	Guadalupe Island	9.10%
OC-191	A3	Niuaatoputapu Island	9.10%
OC-207	DU1	Cagayan Islands	9.10%
OC-240	P2	PNG's Coastal Islands East	9.10%
SA-070	CE5	Bio-Bio Province group	9.10%
OC-095	3D2	Lau Group	9.20%
AF-025	S7	Aldabra Islands	9.30%
EU-180	UR	Respublika Krym Black Sea Coast group	9.30%
NA-195	VY0	Nunavut (Hudson Bay - QC Coast) Centre group	9.30%
OC-165	9M8	Sarawak's Coastal Islands	9.30%
OC-189	3D2	Ringgold Isles	9.30%
OC-168	H4	Russell Islands	9.40%
OC-172	VK4	QLD State (N Coast) Centre group	9.40%
SA-048	YV7	Sucre State East group	9.40%
AF-050	5T	Dakhlet Nouadhibou/Inchiri Region group	9.50%
EU-182	UR	Odes'ka Obl Black Sea Coast group	9.50%
NA-129	VY0	Nunavut (Banks Island) group	9.50%
NA-135	XE3	Campeche State group	9.50%
SA-051	YV5	Las Aves Islands	9.50%
NA-087	KL	Shumagin Islands	9.60%
OC-104	YJ	Banks Islands	9.70%
SA-053	CE7	Aisen Province South group	9.70%
SA-083	CE0	Salas y Gomez Island	9.70%
AS-151	BY2	Liaoning Province West group	9.80%
OC-055	KH6,7	French Frigate Shoals	9.80%
OC-127	H4	Rennell Island	9.80%
AF-047	CT3	Selvagens Islands	9.90%
AF-074	5H	Lindi/Mtwara Region group	9.90%
AS-052	7J	Okino Torishima (to be deleted 01-02-05)	9.90%
AS-087	R0B	Arkticheskogo Instituta Islands	9.90%
NA-172	KL	North Slope County North group	9.90%
NA-192	VE8	NWT (Inuvik Region) West group	9.90%
OC-160	VK4	QLD State (S Coast) North group	9.90%
SA-060	PY8	Para State East group	9.90%

Mauro Pregliasco, I1JQJ

RSGB IOTA Committee Member

Mauro Pregliasco, I1JQJ/KB2TJM
425 DX News Editor
E-mail: i1jqj@ari.it
<http://www.425dxn.org>

[illegible]

>>> NEW TOOL ON WWW.425DXN.ORG <<<

The opening page at <http://www.425dxn.org> now features an engine that allows you to search anything you want within the site.

Date: Sat, 14 Jul 2001 08:40:32 -0400
From: "Ed Tanton" <n4xy@att.net>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [102566] FW: [425ENG] 425 DX News #532
Message-ID: <CKEGICNFDIMCEKEDCEHFEENGHMAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

72/73 Ed Tanton N4XY <n4xy@arrl.net>

website: <http://www.n4xy.com>

LM: ARRL QCWA AMSAT & INDEXA;
 SEDXC NCDXA GACW QRP-ARCI
 OK-QRP QRP-L #758 K2 (FT) #00057

Subject: [425ENG] 425 DX News #532

14 July 2001
No 532

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=====
*** 4 2 5 D X N E W S ***
**** DX INFORMATION ****
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Edited by I1JQJ & IK1ADH
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\
! Information, reports and suggestions must be sent to:

! Mauro Pregliasco, I1JQJ: DX information
!      !
!      (e-mail i1jqj@425dxn.org - BBS I1JQJ@IK1MJJ.IPIE.ITA.EU)
!      !
! Maurizio Bertolino, IZ1CRR (I1-21171): 425 DX News WWW Pages
!      !
!      (e-mail i121171@425dxn.org)
!      !
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3D2 - Ron, ZL1AM0 reports he will be active again as 3D2RW from the Fiji Islands starting on 12 July. He will operate from Nadi on OC-016 for a few days; around 16 July he will move to the Lau Group (OC-095) for a couple of weeks. QSL via ZL1AM0.

5B - Look for 5B/IZ8CCW and 5B/IT9SSI to operate (on 10, 15, 20 and 40 metres SSB and CW) from Cyprus (AS-004) on 23-30 August. They will try to be active from AS-120 as well. QSL via IZ8CCW.
[TNX IZ8CCW]

9A - 9A2BD, 9A2GK, 9A3LD, 9A3PG, 9A4LT, 9A6JWF and 9A7DAQ will be active

as 9A1C/p on 12-15 July from EU-170. Plans are to visit and operate

from the islands of Katina (CI-037), Sestrice (CI-103), Silo (CI-121), Mana (CI-064), Levrnaka (CI-054) and Rasip (CI-098). QSL via 9A4BL. [TNX 9A6AA]

9A - Weather permitting, Neno/9A2FL will operate (on 20 metres SSB) from

Majsan (EU-016, IOCA CI-190) on 15 July. [TNX 9A6AA]

9A - Marc, ON5FP and Jose, ON4CJK will be island hopping in Croatia from

16 until 31 July. They will be based at the lighthouse

of Veli Rat

(CRO 183) on Dugi Otok Island (EU 170, CI 018) and will also visit other three islands nearby in the same IOTA group. Their plans also include activities (hopefully from lighthouses) from the following:

Rab	EU-136	CI-096	20 July
Brac	EU 016	CI-010	21 July
Pasman	EU 170	CI-085	22 July
Pag	EU 170	CI-082	27 July
Vir	EU 170	CI-141	27 July
Porer	EU-110	CI-090	31 July

Jose, ON4CJK will participate in the IOTA Contest from Dugi Otok.

QSLs for all the QSOs via ON4ADN either direct (Geert Decru, St.

Laurentiusstraat 18, B- 8710 Wielsbeke, Belgium) or through the UBA

bureau. [TNX ON5FP]

9A - 9A2EU, 9A2NO, 9A5MR, 9A4KJ and 9A7JLJ will be active as home call/p

from Zut Island (EU-170, IOCA CI-154) on 27-29 July.

They will

participate in the IOTA Contest as 9A7T/p (QSL via 9A2EU either

direct or through the bureau). [TNX 9A2EU]

9A - Emir, 9A6AA reports the following stations are/will be active from

Croatian islands:

Call	IOTA	Island	IOCA	Date
9A4A	EU-170	Pag	CI-082	till September
9A6AA	EU-136	Losinj	CI-058	till September
9A/DL1BKK	EU-110	Pulari	CI-205	15 July-7 August
9A/OE5EMS	EU-136	Krk	CI-046	IOTA contest
9A9R	EU-136	Krk	CI-082	IOTA contest
9A5JR/p	EU-170	Sestrice	CI-103	August

(Lighthouse event)

9A2V/p	EU-170	Sestrice	CI-103	August
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(Lighthouse event)

9M6 - JA3IFT and JA3EY0 will be active respectively as 9M6IFT and 9M6EYT

from Sabah, East Malaysia on 19-22 July. QSL via home calls. [TNX

JA3EY0]

DL - Peter, DL4FCH will be active as DL4FCH/p from Pellworm Island

(EU-042, GIA N-23) between 15 July and 3 August. He

will operate

mostly CW on 10, 15, 20, 40 and 80 metres including an entry in the

IOTA Contest. Logs will be available at
<http://www.niksch.de/peter>
[TNX DL4FCH]

F - Bert, F6HKA and Did, F6ELE plan to be active again from
Les Sept

Iles (EU-107) on 21-22 July. They will have a dipole for
40 metres

and a beam for 10, 15 and 20 metres. [TNX F6HKA]

F - Yves, F5TYT reports he will be active (on 80, 40, 20,
15 and 10

metres SSB) as F5TYT/p from Noirmoutier Island
(EU-064) on 27-29

July, including an entry in the IOTA Contest. QSL via
F5TYT through
the REF bureau.

H4 - Luca/IZ6DSQ, Ant/IZ8CCW and possibly others will be
active (SSB

only) from New Georgia Island (OC-149, Solomon
Islands) on 8-15

October and from Pigeon Island (OC-065, Temotu) on
17-23 October.

The licences have been already issued but calls will be
known upon

arrival. Donations are gratefully accepted.

[TNX IZ8CCW,
iz8ccw@425dxn.org]

HK - Special event call 5K3CA will be aired (on 10-80 metres
all modes)

from Colombia starting on 11 July through August to
celebrate the

"Copa America" football (soccer) tournament. QSL via
HK3DDD either

direct or through the bureau. [TNX HK3CW]

HL - Lee, DS1EON has joined the HL team for the 27-29 July
operation

from Tokchok Island (AS-090) [425 527] and will
be signing

DS1EON/2. The web site for the activity
is at

<http://www.qsl.net/hl1vau/iota2001/> QSL via HL10YF. [TNX HL1VAU]

I - Special station II1GO will be active from Genova for the
G8 summit

(see "Genova G8" Award below) between 13 and 22 July.

QSL via I1UP.

[TNX IZ1BZS]

I - Simon/IZ7ATN, Luca/IZ6DSQ, Silvestro/IK7BRX,
 Paolo/IW0FT,
 Massimo/IW0FQZ and Diego/IW0FTB will be active from
 the Tremiti
 Islands (EU-050) on 14-15 July. They plan to operate
 from a few
 minor islands - I Pagliai (IIA FG-007), Caciocavallo
 (FG-005), La
 Vecchia (FG-008) and a possible IIA new one near
 Capraia. [TNX
 IZ7ATN]

I - Special station IO2SM will be activated by operators
 from ARI
 Varese between 8 and 18 UTC on 15 July from Isola
 Virginia (not
 IOTA, ILIA LOM-001). QSL via the bureau. [TNX IK2DUW]

I - IK4VET, IK4XCL, IK4ALM and possibly others plan to
 operate from
 Isola del Basson (not IOTA, IIA RO-021) and Isola
 Girotto (not
 IOTA, IIA RO-017) on 22 July. [TNX IK4VET]

I - The Salento DX Team will participate in the IOTA Contest
 from Isola
 Grande (EU-091, IIA LE-002). The call to be used has
 not been
 announced, but it will be one the operators' home
 call/p. [TNX
 IK7JWX]

I - Look for IQ1L to be active from La Lanterna (WAIL
 LI-005), Genova
 during the International Lighthouse and Lighthsip
 Weekend on 18-19
 August. QSL via the bureau or direct to A.R.I.
 Genova, P.O. Box
 347, 16121 Genova - GE, Italy. [TNX IZ1BZS]

JA - Look for JM6CIP/6 and JN3FPV/6 to participate in the
 IOTA Contest
 from Koshiki Island (AS-037). QSL via home calls. [TNX JI6KVR]

OZ - Look for Willy, DJ7RJ to be active (on 80-6 metres SSB
 and CW) as
 OZ/DJ7RJ from Bornholm Island (EU-030) between 22
 July and 10
 August, IOTA Contest included. [TNX DJ7RJ]

PY - PY2TNT, PY2AXH, PY2RAZ, PY2DCE, PY2MTF and PY2MWS are
 active as
 PX2I from Sao Sebastiao Island (SA-028) until 31 July.
 They will
 participate in the IOTA Contest. QSL via PY2TNT (either

direct to
P.O Box 2605, 08780-990 Mogi das Cruzes - SP, Brazil or
through the
bureau). [TNX PY2MTF]

SM - During the celebration of The King Chulalongkorn Days in
Utane, Sweden, special station SI9AM
(<http://www.qsl.net/si9am>) will be
open between 08-18 UTC from 19 to 22 July. Guest
operators are
welcome and can contact si9am@qsl.net to book a 2-hour
slot. QSL
via SM3CVM either direct or through the bureau. [TNX SM3CVM]

SV & TA - Gabriele, IK3GES [425DXN 529] is currently active as
TA0/IK3GES/p
from Gokceada (EU-186) through 16 July (his morning
time). He will
then move to Greece and be active from the islands
of Thassos
(EU-174), Skiatos (EU-072), Euboea (counts for
EU-060 until 1
February 2005) and Salamina (EU-075). He will be back
home at the
end of the month.

SV - Simon/IZ7ATN, Alessio/IZ0CKJ, Carlo/IK6CAC and
Luca/IK0QDB will
operate (hopefully as J43P) from the islands of Proti,
Sapientza
and Schiza (all count for EU-158) on 25-27 July. Then
they will
move to Khitira (EU-113) and be active (hopefully as
J48K) during
the IOTA Contest. They might operate from Elafonissos
(EU-113) as
well. QSL via IZ0CKJ. [TNX IZ7ATN]

UR - UR3PA, UR3PCN, UR3PFX, US1PM, UT1PO, UT1PF, UT4PZ and
UT5PW will be
active as EN0PA from Voljansky island (UIA VoL-01, new
one for the
Ukrainian Islands Award) between 19 and 22 July.
Logs will be
available at <http://www.qsl.net/us1pm> (where logs and
pictures of
the previous activities as EN8PSL from the islands
of Svityaz,
SvL-01 and Krymno, Krl-01 are also available). [TNX US1PM]

VE - Linda, VE9GLF and Len, VE9MY will be active from
Deer Island

(NA-014, CISA NB-005) on 14 July. They expect to start around 14.30

UTC and to remain there for 4 hours. QSL via home calls.

[TNX VE9MY

and Islands On The Web]

VE - Sylvie/VE2SYK, Yves/VE2YVT, Tvon/VE2YAT,
Jean-Yves/VE2PS,

Camille/VE2S0, Yvan/VE2BA and Yvon/VE2TG will operate

(10, 15, 20,

40 and 80 metres CW and SSB) as VE2A from CQ Zone 2 on
21-24 July.

The web site for the operation is at

<http://www.ve2dsb.com/ve2a/>

[TNX The Daily DX]

W - Bob, N20ML will operate from Mustang Island (NA-092) on
13-14 July

and again on 3-5 August. Look for him on +/- 14260 kHz
at 12 UTC

and +/- 18128 kHz at 14 UTC. [TNX The Daily DX]

W - Joe/W4SAA and Dick/N4RP will participate in the IOTA
Contest (CW)

from Virginia Key (NA-141). QSL via W4SAA either
direct (Joe

Hornbach, 13691 NE 25 Ave, North Miami Beach, FL
33181-3502, USA)

or through the bureau. [TNX W4SAA]

XE - Masa, XE1Z0I, and Ramon, XE1KK will be active as 4A3Z0I
(mostly CW)

and 6H3KK (mostly SSB) respectively from Cozumel Island
(NA-090) on

27-29 July, IOTA Contest included. Outside the contest
they will

operate on WARC, 6 metres (from grid EL60) and FM
satellites. QSL

via home calls. [TNX XE1KK]

YV - N. Vicent Bracho, YV7QP announces he will participate in
the IOTA

Contest from Margarita Island (SA-012).

ZL - Look for ZL2AS to be active on 160 metres during the
Pacific 160

Metres Contest (from 7 UTC to 23 UTC on 21 July,
send RS(T) +

serial number). Plans are to operate LSB (+/- 1850 kHz)
during the

first half of each hour and CW (+/- 1830 kHz) during the
last half

of each hour.

IARU HF WORLD CHAMPIONSHIP ---> The following have announced their participation in this year's event:

9A - The Croatian society as 9A0HQ on all bands and modes. QSL via 9A5K either direct or through the bureau. See below for Kresimir's two (both OK) addresses. [TNX 9A5K]

ER - The national team of the Amateur Radio Society of Moldova (ARM) as ER7HQ. QSL via ER1FF. [TNX ER1BF]

FK - Eric, FK8GM from New Caledonia as single operator multiband SSB. QSL via WB2RAJ. [TNX FK8GM]

HS - E21EIC, HS1CKC, HS0GBI and HS6NDK from the Radio Amateur Society of Thailand's club station HS0AC. Look for them on 1834-1850, 3524-3526 and 3534-3536 kHz between 20 and 23.30 UTC. QSL via G3NOM. [TNX E21EIC]

I - Salvo IT9HLR as II9R. QSL direct only to IT9HLR.

LU - Daniel, LU1DK as L00D. QSL via F6FNU. [TNX LU1DK]

YO - The Romanian national society as YR0HQ. QSL via Y03FRI. [TNX YO4ATW]

A listing of HQ and official stations participating in the contest can be found at <http://www.ng3k.com/Misc/iaru2001.html>

=====

*** 4 2 5 D X N E W S ***

**** GOOD TO KNOW ... ****

=====

Edited by I1JQJ & IK1ADH

>>> 425 DX NEWS SURVEY <<<

The results of the most used logging software survey, as well as the calls of the 2.256 participants, are now available at <http://www.425dxn.org/survlog/results.html>

DIAMOND DX CLUB ---> Gennaro Casaburi, I8YRK reports that on 29 April 2001 he was officially entrusted with the reorganization of the Diamond

DX Club.

Further information will follow in due course through ARI and DX bulletins,

and will be available on the DDXC's web site at

<http://www.ddxc.org> The

current e-mail address for the DDXC club is: casaburi1@tin.it

GENOVA G8 AWARD ---> The "Genova G8" Award is sponsored by ARI Genova for

contacting (listening for SWLs) stations located in Liguria Region between 23

UTC on 13 July and 23 UTC on the 22nd. For further information please contact

IZ1BZS at iz1bzs@iol.it

MUSEUM SHIP EVENT ---> The Museum Ship Special Event, sponsored by the USS

Salem Radio Club, K1USN will take place from 00.01 UTC on 21 July to 23.59

UTC on the 22nd. Details on the list of participating ships, operating

frequencies and Certificate information are available at

<http://www.qsl.net/k1usn/event.html> [TNX K1VV]

NOT THE MANAGER ---> KL7Y reports he is not the QSL manager for 5V1SM.

OKINO TORISHIMA ---> Pictures of Okino Torishima are available on Yuki's

(JI6KVR) web pages at <http://www3.ocn.ne.jp/~iota/newpage11.html>

QSL CP4BT ---> Pepe, EA5KB is now the QSL manager for Claus, CP4BT and has

the logs from 1 January 1998 onwards. Direct cards should be sent to Jose F.

Ardid Arlandis, Apartado 5013, 46080 Valencia, Spain. [TNX HB9PL]

QSL UK9AA & UK0A ---> Karl, K4YT/DL4YT is still receiving cards for UK9AA and

UK0A, but he has not been the mail drop for Fedor since he left Germany in

January 1998. Please note that cards should be sent direct to Fedor Petrov,

Box 58, Tashkent 700000, Uzbekistan. [TNX K4YT]

QSL VIA IZ8CCW ---> Antonio (P.O. Box 360, 87100 Cosenza - CS, Italy) reports

he is now the QSL manager also for Sam, YC9MB (OC-151) and

Ferry, YC0UTC
(OC-021).

QSL VIA VE7DP ---> Frank, VE7DP reports that the QSL cards for the February 2001 IOTA operations from the Philippines have arrived from the printer.

Processing of direct requests has already begun and Frank expects it may take him about 4 weeks to clean up the backlog. Cards for QSOs not confirmed direct will be sent automatically through the bureau at a later stage. The

QSO totals are the following:

4H2B	OC-093	4100
4I1P	OC-244	3900
4I1P	OC-126	2100
VE7DP/DU1 & DU1KGJ/p	OC-091	1600

Please note that Frank is not the QSL manager for contest station 4G1A; cards should be sent direct to 4G1A/DX1CW.

=====
*** 4 2 5 D X N E W S ***
***** QSL INFO *****
=====

Edited by I1JQJ & IK1ADH

CALL	MANAGER	CALL	MANAGER	CALL	MANAGER
3A/W0YR	OM2SA	II1ARI	I1JQJ	P40B	I2MQP
3V8BB	IK7XGF [*]	J75KG	K5KG	PU1NEZ/p	PU1NEZ
3V8GI	YT1AD	JW4LN	LA4LN	PY1AMF/p	PY1NEZ
3W7TK	OK2HWB	KD10S/KH0	JH10RA	PY1LVF/p	PY1LVF
5B4/UA1CBX	UA1CBX	KG4AS	N4SIA	PY1NEW/p	PY1NEW
7Z1AC	WA4JTK	KG4XE	AA5XE	PY1NEZ/p	PY1NEZ
8R1RPN	OH0XX	KG4ZI	W5OZI	R1ANB	RU1ZC
8S4C/5	SM4DDS	KH7/W0YR	W0YR	R3/W0YR	W0YR
9A/IN3DEI	IN3YGW	KI8CT/KH0	JJ1CRV	SV9/WB2GAI/P	WB2GAI
9A/IN3TJV	IN3YGW	KL7/W0YR	W0YR	T30ED	3D2SJ
9A/IN3YGW	IN3YGW	KS4/W0YR	W0YR	T48Z	IN3ZNR
9A/ON5JE	ON5JE	LX0HQ	LX1KQ	T88BB	JE8BKW
9A/W0YR	W0YR	LY0HQ	LY1DR	TG9AJR	WA1ECA
9A7K/p	9A7K	LY3TA	LY3BE	UA0KCL	RA3DEJ
9H30	DL7VRO	OE/W0YR	W0YR	UA1PBP/9	RK1PWA

9H3TZ	DL7VRO	OH/W0YR	W0YR	UE1WPI	RA1WZ
9Q5BQ	HB9AMO	OH0/OK1NR/P	OK1NR	UW7M	UR3MP
C6/K2VOL	KJ4Z	OH0/OK2DA/P	OK2DA	V31TE	W7AV
C6/K4TKE	KJ4Z	OH0/OK2PBM/P	OK2PBM	VE/W0YR	W0YR
C6/KJ4Z	KJ4Z	OH0/OK2WY/P	OK2WY	VO2/K2FRD	K2FRD
C6A/W0YR	W0YR	OH0/W0YR	W0YR	VP2VCA	W0YR
CN8LI	ON4ANT	OH0/W3UR	W3UR	VP2VE	K3RGD
CQ2EHX	CT1EHX	OH0YLS	OH1MK	VP5/W0YR	W0YR
D6/WB4MBU	WB4MBU	OJ0/JH1ARJ	JH1ARJ	VU3CHE	K4VUD
ED3CDB	EA3DZK	OJ0/JH4RHF	JH4RHF	W0YR/4	W0YR
EM0HQ	UR5EAW	OJ0/JP1NWZ	JP1NWZ	W0YR/6	W0YR
EP3SP	W3HC	OJ0/JR4PMX	JR4PMX	W0YR/9	W0YR
GS0NHR	G3OCA	OJ0/OH0RJ	OH0RJ	WA0AAD	W0YR
GS3EE0	G3OCA	OJ0/OH1NX	OH1NX	WA0JPX	W0YR
GS3ZBI	G3OCA	OJ0/OH1TX	OH1TX	WW8DX/8	NE8Z
HA/W0YR	W0YR	OJ0/OH1VR	OH1VR	YB33AR	YB1FCC
HA5ORP	PA3GEO	OJ0U	JP1NWZ	ZF1AD (Old)	W0YR
HR6/W0YR	W0YR	OK/W0YR	W0YR	ZS5T	ZS5BBO
I/W0YR	W0YR	OS40SA	ON7SS	ZV3B	PY3CEJ

[*] 13-16 June 2001

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*** 4 2 5 D X N E W S ***

***** ADDRESSES *****

=====

Edited by I1JQJ & IK1ADH

3B8GL	Ishwar S. Mandary, 6, Shastri Road, Candos, Quatre-Bornes, Mauritius
4L2M	Mamuka Kordzakhia, P. O. Box 123, Tbilisi 380004, Georgia
4L4CR	Mike Janverdashvili, Agmashenebeli 26, Kaspi 383440, Georgia
5B4AGN	Bob Henderson, P. O. Box 62155, 8061 Pafos, Cyprus
9A5K	Kresimir Kovarik, M.Sufflaya 15, HR-43000 Bjelovar, Croatia
9A5K	Kresimir Kovarik, Zagorska 14, HR-49210 Zabok, Croatia
DL1YC	Jan Wilgenbusch, Wagenfeldstr. 13, D-48301 Nottuln, Germany
E4/OE1GZA	Gunter Zwickl, c/o SICT, P.O.Box 1133, Ramallah, Palestine
EA9CD	Jose Antonio Mendez, P.O. Box 2078, 51080 Ceuta, Spain
EX8MIO	Alex Barmushkin, P. O. Box 381, Bishkek 720065, Kyrgyzstan
EY8CQ	Alexander L. Rubtsov, P. O. Box 126, Dushanbe 734025, Tajikistan
G3OCA	Ken Frankcom, 1 Chesterton Road, Spondon, Derby DE21 7EN, England
HB9AMO	Pierre Petry, 3 Hutins-des-Bois, 1225 Chene-Bourg, Switzerland
HS0/EA4BKA	Eduardo Campos Tortosa, GPO Box 2008, Bangkok 10501, Thailand
HS0/KA3TDZ	Hans D. Hollstein, 86/1 Sukhumvit Soi 23, Bangkok 10110, Thailand
HZ1MD	Mohamad al-Daigani, P. O. Box 864, Riyadh 11342, Saudi Arabia
I1JQJ	Mauro Pregliasco, Corso Novara 39, 10154 Torino - TO, Italy

IK2QPR Paolo Fava, Via Bertani 8, 46100 Mantova - MN, Italy
 IK7XGF Alfredo Colapietra, P.O. Box 13, 71036 Lucera - FG, Italy
 IN3ZNR Fabrizio Vedovelli, Via Gramsci 27, 38100 Trento - TN, Italy
 IT9YRE Ferdinando Rubino, P.O. Box 30, 96012 Avola - SR, Italy
 IZ7AUH Francesco Giacoia, Casella Postale 2224/TA05, 74100 Taranto - TA, Italy
 IZ8CCW P.O. Box 360, 87100 Cosenza - CS, Italy
 JD1BKG Yoshiyuki Jingo, 4-303, Kiyose-Syokujyu, Chichijima, Ogasawara, Tokyo 100-2101, Japan
 JE8BKW Hideki Sanada, 4-2-11-312, 24-Ken 2-Jo, Sapporo, 063-0802 Japan
 JG6BKB Mizuho Tanaka, P.O. Box 7, Hayato 899-5191, Kagoshima, Japan
 JW0HR Vlad Shakun, P. O. Box 224, N-9178 Barentsburg, Norway
 JW0HS Ivan Lesiv, P. O. Box 127, N-9178 Barentsburg, Norway
 JW5DW Bjorn Dommersnes, P. O. Box 659, N-9171 Longyearbyen, Norway
 K2FRD Fred Stevens, 263 Keach Rd, Guilford, NY 13780, USA
 KB2FB/DU7 David Collins, Pons Garcia Building, Tagbilaran City, Bohol 6300, Philippines
 KJ4Z Mike Coffey, P.O. Box 7033, Oak Ridge, TN 37831-3333, USA
 KU9C Steve Wheatley, P.O. Box 5953, Parsippany, NJ 07054-6953, USA
 LA4LN Tom V. Segalstad, P.O. Box 15 Kjelsas, N-0411 Oslo, Norway
 LY1DR Saulius Zalnerauskas, P.O.Box 922, Kaunas 3005, Lithuania
 LY2BCR Eduard Vaisman, P.O.Box 70, Klaipeda LT-5800, Lithuania
 LY3BE Eugene Vaisman, P.O. Box 70, Klaipeda LT-5800, Lithuania
 N4AA Carl Smith, P.O. Box 249, Leicester, NC 28748-0249, USA
 NE8Z Rick Dorsch, P.O. Box 616, Hamburg, MI 48139, USA
 OH0XX Olli Rissanen, #599, 1313 So. Military Trail, Deerfield Beach, FL 33442, USA [w3ur]
 OH1MK Marjatta Kaistila, Nahvontie 5B1, FIN-25410 Suomusjarvi, Finland
 ON7SS Marc Domen, Ferdinand Coosemansstraat 32, B-2600 Berchem, Belgium
 PU1NEZ Carlos Guilherme Correa, Calle Presidente Backer 9 apto. 306, 24220-045 Niteroi, RJ, Brazil
 PY1LVF Jose Luiz Vieira Fernandes, Apartado Postal 18009, 20722-970 Rio de Janeiro, RJ, Brazil
 PY1NEW Emanuel Tavares Filho, Apartado Postal 100659, 24001-970 Niteroi, RJ, Brazil
 PY1NEZ Rogaciano de Lima Correa Filho, Calle Belizario Augusto 91 apto. 1101, 24230-200 Niteroi, RJ, Brazil
 PY3CEJ Alencar Fossa, P.O. Box 6022, Porto Alegre - RS, 91031-970, Brazil
 RK1PWA Nick Shapkin, P.O.Box 73, 164744 Amderma, Arkhangelskaja, Russia
 SM4DDS Kjell Bonerfalt, Oskarsvagen 4B, S-702 14 Orebro, Sweden
 SV8CRI Panagiotis Nalmpantis, Agia Paraskevi, GR-811 02 Mytilini, Greece
 TG9AJR Juan Carlos Munoz, P.O. Box 61 Periferico, Guatemala 01011, Guatemala
 UA0KCL Yuri Lobachev, Institutskij Prospect 9 KV 170, Chernogolovka, Noginskij Rajon, Moskovskaya Obl., 142432, Russia
 UR3MP Andy Yarovoi, P.O. Box 50, Perevalsk, 94300, Ukraine
 VE10TA Dana Rushton, P.O. Box 1862, Truro, NS B2N 6C7, Canada

VE6VK Russ. A. Wilson, 1235 Richland Road N.E., Calgary, AB T2E 5M5,
 Canada
 VE9MY Len Morgan, 35 Upper Quaco Rd., Baxters Corner, N.B., E2S 2S2,
 Canada
 VP8CMT Keith Grimmer, P. O. Box 544, Stanley, Falkland Islands
 W0YR Michael D. Lonneke, 20732 Furr Road, Round Hill, VA 20141-1808,
 USA
 W3HNC Joe Arcure, P.O. Box 73, Edgemont, PA 19028, USA
 W3UR Bernie McClenny, 3025 Hobbs Road, Glenwood, MD 21738, USA
 WA0VOM/SU1 Jeff Bodin, American Embassy, Box 2456, APO AE 09839, USA
 YB0KO H. Bambang Soetrisno, Jl. Belanusa, I/12, RT04/RW01-36, Ds.
 Pamoyanan, Bogor 16136, Indonesia
 YB2SSB Herry Gagaryanto, P. O. Box 45, Kudus 59301, Indonesia
 YB8DOA H. M. Ishak Iskandar, P. O. Box 1262, Makassar 90012, Indonesia
 YC0SKI Lie Ambar Angin, Jl. Betet Raya No. 29 AA, Jembatan Lima, Jakarta
 Barat 11220, Indonesia
 YC0VIP Handy Sujono, P. O. Box 1005 JKB, Jakarta 11010, Indonesia
 YC2VTO Deta Ariani Sayekti, P. O. Box 67 YKBS, Yogyakarta 55281,
 Indonesia
 YC2VVD Ir. Sardjana M., Jl. Melati Kulon No. 6, Bacirow,
 Yogyakarta 55225,
 Indonesia
 YC3CPJ A. P. Indrajaya, P. O. Box 18 W. O., Surabaya 60244-A, Indonesia
 YC7IPZ Gusti Tamardjaja, P. O. Box 138, Tarakan 77100, Indonesia
 YC7PTL Se Yusuf, P. O. Box 555, Palangkaraya 73000, Indonesia
 YC8BJK Jerry Katuuk, P. O. Box 623, Biak 98115-A, Indonesia
 YC8CPS Baharuddin Karim, Perumahan Pondok Ungu Permai, Blok AC
 II No. 10,
 Bekasi 17610, Indonesia
 YC8QP Ricky Mewenkang, P. O. Box 1402, Manado 95014, Indonesia
 YC8RB Ridwan Nggilu SH, P. O. Box 1006, Gorontalo 96100, Indonesia
 YC8TXW Ronny Monoarfa, P. O. Box 166, Tahuna 95800, Indonesia
 YC9BU Kadek Kariana Sp., P.O. Box 106, Singaraja 81100, Bali, Indonesia
 YE1D Deddy D. Iskandar, P. O. Box 99, Karawang 41300, Indonesia
 YT1AD Hrane Milosevic, 36206 Vitanovac, Yugoslavia

425 DX NEWS WWW PAGE ---> <http://www.425dxn.org>

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Mauro Pregliasco, I1JQJ/KB2TJM
425 DX News Editor
E-mail: i1jqj@425dxn.org
<http://www.425dxn.org>

[illegible]

>>> NEW TOOL ON WWW.425DXN.ORG <<<

The opening page at <http://www.425dxn.org> now features an engine that allows you to search anything you want within the site.

Date: Sat, 14 Jul 2001 08:53:01 -0400 (EDT)
From: "John L. Sielke" <w2agn@pobox.com>
To: ZOOM <kandrparker@sympatico.ca>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [102567] Re: A Randy Jouett Sampler ...
Message-ID: <XFMail.20010714085301.w2agn@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

I always thought Hippocrates was a GOOD guy?

John W2AGN

On 13-Jul-2001 ZOOM wrote:

> This post is no different than what went on a few days ago. Some of you are

> just hippocrates! You say personal attacks are not welcome well what the
> hell is this?
>

Date: Sat, 14 Jul 2001 13:49:36 +0100
From: Euramcom <mel@euramcom.freeseerve.co.uk>
To: <n4xy@att.net>
Cc: <qrp-1@lehigh.edu>
Subject: [102568] Re: List manager volunteer!
Message-ID: <E15LP2r-0005rb-00.2001-07-14-14-01-18@mail3.svr.pol.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi ED!

Brave man that! If you are big enough to volunteer, then I will=offer
my services as a back-up manager or standby man or whatever you=need.

I was (GRIN!) verbosity monitor for a while, and I've got a flame=suit,
so I'll be pleased to join you in and on the firing line if=it
helps! Oh! and maybe I can get you Americum chappies to spell
properly as well?

Regards

Mel
--72 and 73 de Mel Evans, e-mail mel@euramcom.freeseerve.co.uk

Mel Evans GM6JAG Edinburgh Scotland
Home of the last HW9

Visit <http://www.euramcom.freeseerve.co.uk> for
US Euro Ham Radio Equivalent Parts and info,
Add-a-Link page let's you add your own pages instantly

Date: Sat, 14 Jul 2001 07:41:44 -0600
From: "David Ek" <ekdave@earthlink.net>
To: "Dan Tayloe" <dtayloe@home.com>, "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [102569] Re: Looking for a design for an absolute-reading SWR meter for portable use
Message-ID: <000701c10c6a\$c3b3ed20\$0100a8c0@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Interesting idea, Dan. BTW, don't take anything I wrote in my original message as a knock on the original LED indicator circuit--it works great for regular operating purposes, and my ZM-2 which has one is a staple of my portable Field Day setup. It's just that I've been messing around with antennas for portable operation which don't require a tuner, and it would be nice to have a separate SWR meter that's packable for doing measurements in the field.

73 de Dave AB0GO

----- Original Message -----

From: "Dan Tayloe" <dtayloe@home.com>
To: <ekdave@earthlink.net>; "qrp-1" <qrp-1@Lehigh.EDU>
Sent: Friday, July 13, 2001 10:57 PM
Subject: Looking for a design for an absolute-reading SWR meter for portable use

> Dave:
>
> The easy way would be to use a meter, a 50K pot, and a diode all in
> series
> to replace the LED. In the tune mode, disconnect the antenna, transmit,
> and set the pot for a full scale meter reading.
>
> Then, attach the antenna, keep it in tune, transmit, and read the meter
> for
> the SWR.
>
> To keep it small, just use a small meter.....
>
> The novel part of using the LED was to replace the meter to make it
> rugged,
> cheap and small!
>
> - Dan Tayloe, N7VE; Phoenix, Az; Az ScQRPions
>

> >Gang,
>
> >For a while now I've been in search of a design for an SWR meter which is
> >extremely compact (for backpacking) but which reads absolute SWR (at
least
> >approximately, if not extremely accurate). My ZM-2, of course, has the
LED
> >indicator for relative SWR but there are circumstances where that's not
> >sufficient, or where I don't want the ZM-2 in the line Why? 'cause I'm a
> >geek, that's why! What other reason is there?... ;-) Seriously, there are
> >times when it'd be nice to know the approximate SWR when playing with
> >antennas in the field. It would also be cool to build one into one of my
QRP
> >rigs.
>
> >At any rate, the only thing I've seen which might fill the bill is the
SWR
> >indicator part of the rainbow tuner design. Before I adapt this for my
own
> >purposes, or before I embark on designing my own, have I missed any
obvious
> >solutions? I've searched all the usual references. Maybe just a
scaled-down
> >version of the SWR bridge shown in one of DeMaw's books?
>
> >Anybody have any bright ideas?
>
> >73 de Dave AB0GO

Date: Sat, 14 Jul 2001 09:37:37 -0400
From: "Alex Turner" <aturner13@triad.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [102570] Test Post
Message-ID: <000901c10c6a\$25c1a940\$9ede1a42@triad.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Test

----- Original Message -----

>

Date: Sat, 14 Jul 2001 09:54:42 -0400 (EDT)
From: Stephan Greene <sgreene@patriot.net>
To: moglesto@ecentral.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [102571] Re: Computer
Message-ID: <Pine.LNX.4.10.10107140953430.32312-100000@tzion.greene.lan>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 13 Jul 2001 moglesto@ecentral.com wrote:

> I was just poking through a box that was sitting high on a shelf and found
> my old Timex Sinclair 1000 (with extra ram) and was wondering if there was
> any HAM software anywhere that would work on it?

None I recall specifically (have at least 2 or 3 of those puppies around here), I did have a 300 baud serial adaptor that became part of my first packet station.

72
Steve

Stephan A. Greene sgreene@patriot.net
HAM: KA1LM@amsat.org QRP-L #232 Grid FM18hx 38 59'83.33"N 77 23'6.15"W

Date: Sat, 14 Jul 2001 09:59:01 -0400
From: "Alex Turner" <aturner13@triad.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [102572] Low Pass filter
Message-ID: <001801c10c6d\$22e0a200\$9ede1a42@triad.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am trying to build some low pass filters for the WARC bands., but I can't get the table in the Handbook to work out for me.

As a test I am trying to work out the parameters for a 20 meter 5 element Chebyshev filter I have already. It has the following specs:

fco = 14.450 MHz

L1(the input) = 2.4 uHy and the output L3 = the same.

L2 the center = 32.

the caps = 470pf each.

I think if I could arrive at these figures then I could get the 30m and 17m.

This filter was in a kit so I'm assuming it is correct, but I can't arrive at the same solution using the Handbook tables. Thanks in advance for any help.

Alex Turner N4BYJ

Date: Fri, 13 Jul 2001 20:54:29 -0400

From: "Alex Turner" <aturner13@triad.rr.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [102573] Low pass filter help

Message-ID: <01f201c10bff\$89d3a700\$9ede1a42@triad.rr.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I am trying to build some low pass filters for the WARC bands., but I can't get the table in the Handbook to work out for me.

As a test I am trying to work out the parameters for a 20 meter 5 element Chebyshev filter I have already. It has the following specs:

fco = 14.450 MHz

L1(the input) = 2.4 uHy and the output L3 = the same.

L2 the center = 32.

the caps = 470 each.

I think if I could arrive at these figures then I could get the 30m and 17m.

This filter was in a kit so I'm assuming it is correct, but I can't arrive at the same solution. Thanks in advance for any help.

Alex Turner N4BYJ

----- Original Message -----

From: Adrian Weiss <aweiss@usd.edu>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Friday, July 13, 2001 3:49 AM

Subject: Re: Alright Already!

> Randy:
>
> You still don't get it, do you?
>
> After all the discussion, you can still equate your sexist slur
> with your perception of Laura's supposed rudeness to you and
> her supposedly insulting remark.
>
> I invite you to unsubscribe and once you have matured enough to
> recognize the difference, feel free to resubscribe.
>
> 73, Ade
>
>
>
> -----
> Every time I post a very technical message to this
> list, somebody has to jump in and tell me that I'm full
> of it in a rude manner. You never see anything like,
> "Well, it would be neat if something like that could
> work, Randy, but there's a slight problem with your
> idea." I can handle something like that, but a "re-invent
> the wheel" remark is down-right rude. Why not say
> something like, "Well, that has been tried before by
> W5??? and his bunch. You can see their data at
> www.w5???.com. Maybe you might be able to expand
> on it. Good luck, and 73." That is the type of response
> that I give and expect from others.
>
>
> Anywho, you have to admit that Laura should have never,
> ever inserted that "re-invent the wheel" remark. That was
> completely and totally uncalled for, especially when she didn't
> even finish hearing me and others out on the subject. She just
> made up her mind and said it has already been done and that
> we were waisting time with the discussion. I expect an apology
> for that remark.
>
> ===
> Laura, again, I am very sorry for the name calling. I was totally
> out of line with that remark.
>
> Randy "Eatin Crow" Jouett
> --

Date: Sat, 14 Jul 2001 08:00:01 -0700 (PDT)
From: Gary Slagel <gds slagel@yahoo.com>
To: QRP L <qrp-l@Lehigh.EDU>
Subject: [102574] Portable Self Supporting Ant project
Message-ID: <20010714150001.44449.qmail@web11602.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi guys!

After I posted the stuff about my Harney Peak trip I had a few guys ask questions about the antenna I was using so I did a couple sketches, took some pix, and tried to describe it out on my web page. Basically, its a hustler vertical with a pvc mast that has its own tripod. Whole thing packs into a pvc tube the size of a walking stick. My web page is at:

<http://marina.fortunecity.com/sanpedro/351/>

And you can hit the 'Antenna Project' link on the main page (there's only two links so its pretty easy to find :-)

73, Gary

=====

Gary Slagel/N0SXX
Conifer, CO 80433
gds slagel@yahoo.com
Personal Website: http://marina.fortunecity.com/sanpedro/351

Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail
<http://personal.mail.yahoo.com/>

Date: Sat, 14 Jul 2001 11:39:52 -0400
From: G Brandon Hoyt <preacher102677@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [102575] feedline...
Message-ID: <20010714.114933.-140177.0.preacher102677@juno.com>

MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

On page 14 of the second edition of Doug DeMaw's "QRP Notebook" he mentions that he uses speakerwire for feedline from time to time as his feedline. His idee is real neet, just pull apart a resonant length, then knot the wire at the feedpoint, and run to rig. He says that he gets about 70 ohm impedence from the line. What are the loss figgers for such a setup? Or Velocity factor?
You know, all the standard feedline jazz...

LIC,
G. Brandon Hoyt --"Known far and Wide as the Great Pumpkin."
Photographer, Philosopher, Preacher, Pirate, Poet.
DE KG4GVL Clear.

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 14 Jul 2001 09:59:23 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <prvalko@oakland.edu>
Cc: qrp-l <qrp-l@lehigh.edu>
Subject: [102576] DSP
Message-ID: <B775C87B.B494%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Now a days it seems like DSP is popping up in nearly rig. However, when the Radio Shack DSP was introduced, DSPs were over \$200. The Radio Shack unit was a good deal at \$79.95, particularly for the SSB operator. They sold a lot of units at \$79.95. Radio Shack had expected the CB crowd to snap these up to deal with the mess of hetrodynes in crowded areas, but that market never developed. Some hams felt cheated when they discovered that the noise reduction mode was just a band pass filter with a lower cutoff frequency, not an adaptive function. Sales, while good, did not meet expectations, and they closed them out, first at \$45, then \$35, and the last few went out the door at \$25.

I still think they are good values. Nearly every hamfest I go to has one or two for sale. If nothing else, they make a good speaker/amp for the bench.

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

Date: Sat, 14 Jul 2001 11:13:10 -0500
From: "David Bixler" <qrp@netins.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [102577] Field Operation Today
Message-ID: <DBEPKBJH00EAHCKKIHPFIEAICEAA.qrp@netins.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hello Gang:

Looks like a nice day here in SW Missouri so Layne,
WD0DDU and I are heading out to the woods down in McDonald
county this afternoon. We are going on a "recon patrol"
of our proposed Bumblebee site at Buffalo Hills
Natural Area. It is named after the Buffalo river, not
the animal.

If everything goes as planned, we hope to fire up a brand
new 20 meter SST approximately 2:30 to 3:00 central time.

Will be looking for QRP'ers around 14060.

72,

Dave

David Bixler W0CH
Seneca, MO
Main Web Site: <http://www.qsl.net/w0ch>
Mirror Site: <http://showcase.netins.net/web/w0ch>

QRP: Little Radios, Big Fun!

Date: Sat, 14 Jul 2001 12:22:05 -0400
From: Kenyon Cox <kenyon@charter.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@lehigh.edu>
Subject: [102578] SMK-1 no smoke, but...
Message-ID: <3B5071AD.60208DCC@charter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

First, thanks to all public and private responses to SLV questions.

Completed the SMK awhile ago, just now troubleshooting.

While I look closer for bad solder connections, etc., I thought I'd put in a call for help as one of you might have a better idea where to look even closer.

Power is from a 8 D-cell pack of Eveready's (12+ volts).

Receive is very weak, only broadcast station(s).

Transmit power looks good into a MFJ949E, no sidetone but I do hear a "click" on key down.

Way different voltages (I used a low-priced Digital MM) compared to Jim N5IB's list from 5/11/00 (tnx, Jim).

	Rx	My reading
U1-1	2.0	0.8
U1-2	2.0	0.8
U1-3	0.0	0.0
U1-4	3.6	0.2
U1-5	3.7	0.2
U1-6	6.0	0.0
U1-7	5.3	0.2
U1-8	6.0	0.2

U2's same as Jim's

Q1-D	3.6	0.2
Q1-S	3.6	0.2
Q1-G	3.2	0.0

Q4's same as Jim's

Q5-E	0.0	0.0
------	-----	-----

Q5-B 0.0 0.0
Q5-C 3.2 0.0

Q6's same as Jim's.

What are the chances I smoked U1 during install? No noticable solder bridges, looks like it's installed the right way.

Thanks for your time and the bandwidth.

Kenyon Cox WD8INS

--

Caldera eDesktop 2.4

11:00am up 19:21, 5 users, load average: 0.21, 0.12, 0.05

Date: Sat, 14 Jul 2001 10:38:20 -0700 (PDT)

From: "Robert P. Okas" <vintage@best.com>

To: Alex Turner <aturner13@triad.rr.com>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [102579] Re: Low Pass filter

Message-ID: <Pine.BSF.4.21.0107140918001.557-1000000@shell14.ba.best.com>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Alex & Gang,

I have the "Introduction to Radio Frequency Design" (IRFD) software on my computer and analyzed the design you presented. According to GPLA (which has been reliable for me in the past) the filter is more like a 40m LPF, and a "gnarly" one at that. The passband ripple is 1.5 dB and the ripple cutoff frequency is approx. 7.35 Mhz. The loss is around 0.2 dB at 7.0 MHz. At 14.5 Mhz, the response is -45 dB. This assumes that the filter input and output impedances are 50 Ohms. Please advise If I made an incorrect assumption.

Using the IRFD "L.exe" program, the following filter values for 5 element 30m, 17m and 12m LPFs (1 dB of passband ripple) were calculated. I set the Fco to 10.5 Mhz, 18.9 Mhz and 25.9 MHz, respectively. These provide a response peak in the band of interest.

30m LPF

L1 = 1.62 uH

C1 = 330 pF

L2 = 2.27 uH

C2 = 330 pF
L3 = 1.62 uH

17m LPF

L1 = 0.92 uH
C1 = 187 pF
L2 = 1.29 uH
C2 = 187 pF
L3 = 0.92 uH

12m LPF

L1 = 0.66 uH
C1 = 134 pF
L2 = 0.92 uH
C2 = 134 pF
L3 = 0.66 uH

The inductors can be wound using the formulas and parameters provided by Amidon. For the caps, you can use the nearest value and be OK. I would tend to use smaller caps vs. larger as this would move the response peak a little higher in frequency. You will get into the ripple of the passband, but you won't be on the wrong side of the curve!

The software that accompanies IRFD (excellent text, btw) is clunky and DOS-based, but functional. There may be better packages out there, but this works for me. Therefore, I'd recommend it, if not for the software, then for the book. It picks up where texts such as the Handbook or "Solid State Design for the Radio Amateur" leave off.

Hope this helps!

73,
Bob - W3CD

On Sat, 14 Jul 2001, Alex Turner wrote:

> I am trying to build some low pass filters for the WARC bands., but I
> can't get the table in the Handbook to work out for me.
>
> As a test I am trying to work out the parameters for a 20 meter 5 element
> Chebyshev filter I have already. It has the following specs:

>
> fco = 14.450 MHz
> L1(the input) = 2.4 uHy and the output L3 = the same.
> L2 the center = 32.
> the caps = 470pf each.
> I think if I could arrive at these figures then I could get the 30m and
> 17m.
> This filter was in a kit so I'm assuming it is correct, but I can't
> arrive at the same solution using the Handbook tables. Thanks in advance
> for any help.
>
> Alex Turner N4BYJ
>
>
>
>
>

Date: Sat, 14 Jul 2001 12:40:22 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'aturner13@triad.rr.com'" <aturner13@triad.rr.com>, Low Power Amateur Radio
Discussion <qrp-l@Lehigh.EDU>
Subject: [102580] RE: Low pass filter help
Message-ID: <01C10C62.26903D80.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I like to analyze these things on a SPICE-type program (Electronic Workbench) as a backup to the calcs. On this one, did you mean 3.2 uH instead of 32? If so, it looks it starts rolling off around 7 MHz. If 32

uH is correct, then about 4 MHz, but doesn't look too good ahead of that point, either.

What table number and filter number and Handbook edition are you on?

72--Nick, WA5BDU

-----Original Message-----

From: Alex Turner [SMTP:aturner13@triad.rr.com]
Sent: Friday, July 13, 2001 7:54 PM
To: Low Power Amateur Radio Discussion
Subject: Low pass filter help

I am trying to build some low pass filters for the WARC bands., but I can't get the table in the Handbook to work out for me.
As a test I am trying to work out the parameters for a 20 meter 5 element Chebyshev filter I have already. It has the following specs:

fco = 14.450 MHz

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the caps = 470 each.

I think if I could arrive at these figures then I could get the 30m and 17m.

This filter was in a kit so I'm assuming it is correct, but I can't arrive at the same solution. Thanks in advance for any help.

Alex Turner N4BYJ

----- Original Message -----

From: Adrian Weiss <aweiss@usd.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Friday, July 13, 2001 3:49 AM
Subject: Re: Alright Already!

> Randy:

>

> You still don't get it, do you?

>

> After all the discussion, you can still equate your sexist slur
> with your perception of Laura's supposed rudeness to you and
> her supposedly insulting remark.

>

> I invite you to unsubscribe and once you have matured enough to
> recognize the difference, feel free to resubscribe.

>

> 73, Ade
>
>
>
> -----
> Every time I post a very technical message to this
> list, somebody has to jump in and tell me that I'm full
> of it in a rude manner. You never see anything like,
> "Well, it would be neat if something like that could
> work, Randy, but there's a slight problem with your
> idea." I can handle something like that, but a "re-invent
> the wheel" remark is down-right rude. Why not say
> something like, "Well, that has been tried before by
> W5??? and his bunch. You can see their data at
> www.w5????.com. Maybe you might be able to expand
> on it. Good luck, and 73." That is the type of reponse
> that I give and expect from others.
>
>
> Anywho, you have to admit that Laura should have never,
> ever inserted that "re-invent the wheel" remark. That was
> completely and totally uncalled for, especially when she didn't
> even finish hearing me and others out on the subject. She just
> made up her mind and said it has already been done and that
> we were waisting time with the discussion. I expect an apology
> for that remark.
>
> ===
> Laura, again, I am very sorry for the name calling. I was totally
> out of line with that remark.
>
> Randy "Eatin Crow" Jouett
> --

Date: Sat, 14 Jul 2001 12:54:42 -0500
From: "Mike Branca" <w3irz@att.net>
To: <qrp-l@Lehigh.EDU>
Subject: [102581] Re: DSP
Message-ID: <04c301c10c8e\$103ce480\$fe0b4d0c@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The main problem with the R\$ DSP unit is that it does not have a noise reduction feature just various BW controls and for this it is OK. However

most of us like the noise reduction qualities of a good DSP unit so that puts the R\$ unit in the low price category - say \$5 to 15 category or as said before it makes a good amplified speaker.

BTW I have tried the R\$ DSP and own the W9GR as well as the DSP 599.

Mike W3IRZ

Date: Sat, 14 Jul 2001 11:39:54 -0700
From: "Ronald Smith" <ronald@atdial.net>
To: qrp-l@lehigh.edu
Subject: [102582] 10 meter NVIS
Message-ID: <200107141839.0AA12486@betelgeuse.concentric.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Group;

I am planning on trying NVIS on 10 meters to work two states that are very close to me. Can anyone tell me what MUF would be needed to reasonably expect a 10 meter signal at a take-off angle of 85 to 90 degrees to be reflected? If my reasoning is correct, the MUF would need to be higher than that needed to return a low take-off angle signal.

My QTH is near Oakland, CA and I am trying to work Nevada and Oregon on 10 meters.

Thanks for any help provided.

73,

Ron, KE6RS, ronald@atdial.net

Date: Sat, 14 Jul 2001 14:47:22 -0400
From: "Kenyon D. Cox" <kenyon@charter.net>
To: "qrp-l@Lehigh.EDU" <qrp-l@lehigh.edu>
Subject: [102583] <SOLVED> SMK-1 no smoke, but...
Message-ID: <20010714144722.5cf0121b.kenyon@charter.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: 7bit

Greetings,

I need to serve up several virtual beers to Glenn, Bruce, and Mike. A hot soldering iron on pin 8 of U1 seems to be the cure for the SMK's ills.

I have some more checking to do (and less posting, I guess).

My thanks again.

--

Kenyon Cox WD8INS

2:30pm up 22:51, 5 users, load average: 0.00, 0.00, 0.00

Date: Sat, 14 Jul 2001 13:48:43 -0500

From: "Brian Murrey" <bmmurrey@amexol.net>

To: <vintage@best.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [102584] Re: Low Pass filter

Message-ID: <007901c10c95\$9d5469e0\$fb532bd1@iquest.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Bob,

This one gets printed and stuffed in my notebook.

Thanks!

----- Original Message -----

From: "Robert P. Okas" <vintage@best.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Saturday, July 14, 2001 12:38 PM

Subject: Re: Low Pass filter

> Hi Alex & Gang,

>

> I have the "Introduction to Radio Frequency Design" (IRFD) software on
> my computer and analyzed the design you presented. According to GPLA
> (which has been reliable for me in the past) the filter is more like a 40m
> LPF, and a "gnarly" one at that. The passband ripple is 1.5 dB and the
> ripple cutoff frequency is approx. 7.35 Mhz. The loss is around 0.2 dB at

> 7.0 MHz. At 14.5 Mhz, the response is -45 dB. This assumes that the filter
> input and output impedances are 50 Ohms. Please advise If I made an
> incorrect assumption.

>

> Using the IRFD "L.exe" program, the following filter values for
> 5 element 30m, 17m and 12m LPFs (1 dB of passband ripple) were calculated.
> I set the Fco to 10.5 Mhz, 18.9 Mhz and 25.9 MHz, respectively. These
> provide a response peak in the band of interest.

>

>

> 30m LPF

> -----

> L1 = 1.62 uH

> C1 = 330 pF

> L2 = 2.27 uH

> C2 = 330 pF

> L3 = 1.62 uH

>

>

> 17m LPF

> -----

> L1 = 0.92 uH

> C1 = 187 pF

> L2 = 1.29 uH

> C2 = 187 pF

> L3 = 0.92 uH

>

>

> 12m LPF

> -----

> L1 = 0.66 uH

> C1 = 134 pF

> L2 = 0.92 uH

> C2 = 134 pF

> L3 = 0.66 uH

>

>

> The inductors can be wound using the formulas and parameters provided
> by Amidon. For the caps, you can use the nearest value and be OK. I would
> tend to use smaller caps vs. larger as this would move the response peak a
> little higher in frequency. You will get into the ripple of the passband,
> but you won't be on the wrong side of the curve!

>

> The software that accompanies IRFD (excellent text, btw) is clunky and
> DOS-based, but functional. There may be better packages out there, but
> this works for me. Therefore, I'd recommend it, if not for the software,
> then for the book. It picks up where texts such as the Handbook or "Solid
> State Design for the Radio Amateur" leave off.

[illegible]

>

Date: Sat, 14 Jul 2001 15:18:32 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: G-QRP Club E-mail Reflector <gqrp@onelist.com>
Subject: [102585] QRP QUARTERY BACK ISSUES SPECIAL
Message-ID: <Pine.BSF.4.33.0107141509520.27683-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This Limited Time Offer is also extended to DX QRPers As Well.

Please Email me FIRST for a Firm Quote and Reservation of your Order.

Not All Countries Offer Global Priority Mail, So I will have to check with my local Postmaster before shipping.

The Current Rate for Global Priority Mail to England is \$ 9.00 for a Bulk Rate Package. It will hold 4 to 6 issues. (Some are larger than others).

Please Include your MAILING ADDRESS with your email requests/orders !

I currently have the following items for sale:

All back issues are \$ 5.00 each plus Postage.

Typical Postage is \$ 2.00 for a Single Issue to U.S. Customers

\$ 3.50 for Two Issues and \$ 4.00 for Three to Five issues.

DX Postage is generally \$ 7.00 or \$ 9.00 per order depending on the

Destination Country. Global Priority Mail is used when available.

Please Contact me for a Price Quote and Availability of desired items.

SINGLE BACK ISSUES CURRENTLY AVAILABLE:

1995 #2 (APR) 1995 #3 (JUL) 1995 #4 (OCT)
1996 #1 (JAN) 1996 #3 (JUL) 1996 #4 (OCT)
1997 #1 (JAN)
1998 #2 (APR) 1998 #3 (JUL) 1998 #4 (OCT)
1999 #2 (APR) 1999 #3 (JUL) 1999 #4 (OCT)
2000 #1 (JAN) 2000 #2 (APR) 2000 #3 (JUL) 2000 #4 (OCT)
2001 #1 (JAN) 2001 #2 (APR)

Limited Quantities in stock.

* * * * *

QRP QUARTERLY JOURNAL FULL YEAR SETS AVAILABLE

\$ 24.00 Per Year Set Postpaid US/CA, \$ 30.00 DX

* * * * *

1996 YEAR SET (11) 1998 YEAR SET (6) 1999 YEAR SET (20) 2000 YEAR SET (20)

* * * * *

PLEASE INCLUDE YOUR MAILING INFORMATION and Optionally a Telephone Number

with your e-mail requests for information or when placing an order.

It helps me track the orders and speeds up the shipping process.

Make your Check/Money Order out to "George D. Gingell"

and mail it to me at 3052 Fairland Road, Silver Spring, MD 20904-7117

OR Payment may be made via "PayPal" to George D. Gingell, K3TKS,

<k3tk@abs.net> <<https://secure.paypal.x.com/refer/pal=k3tk%40abs.net>>

PLEASE REMEMBER to include your Name, Callsign, Current Mailing Address, and QRP ARCI Membership Number if you have one.

SPECIAL LIMITED TIME BONUS - One of the 1993-1997 Single Issues may be selected with each Year Set Ordered. Please list a Second Choice as Some issues are Already nearly out of stock.

I will also allow selection of any 4 singles to count as a year set for this offer. WE WILL NOT BREAK UP ANY FULL YEAR SETS !

Sir George, The First :^}

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Notary Public and Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Sir George, The First :^}

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"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Sat, 14 Jul 2001 14:25:09 -0500
From: Randy & Cara Randall <crrandal@seidata.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [102586] Re: DSP
Message-ID: <3B509C94.6252E3AD@seidata.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Some hams felt cheated when they discovered that the noise
> reduction mode was just a band pass filter with a lower cutoff frequency,
> not an adaptive function.

Exactly! That is why it did not sell well. If it had one and
worked anywhere close to good it would have taken the
market by storm. It has it's place.

Randy KB8AS0

--

"Freedom-is not free" -Korean War National Memorial in Washington

Date: Sat, 14 Jul 2001 15:23:55 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-1@Lehigh.EDU>
Subject: [102587] FS: QRP QUARTERLY COLLECTION
Message-ID: <Pine.BSF.4.33.0107141518530.27683-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have for sale one Collectors Set of The QRP Quarterly. While it is not
complete, It is the Best Package I have had to offer in several years.

I recently received an addition to our stock of back issues.

Here is the Contents of this ONE ONLY SET! THE 1997 SET is The Rare Find.

It has been out of stock for about four years now.

1993 # 2 (APR) & #4 (OCT) 1995 #2 (APR), #3 (JUL), & #4 (OCT)

1996, 1997, 1998, 1999, 2000 Year Sets plus 2001 #1 (JAN) & #2 (APR)

The Price on this Package Postpaid in the U.S. is \$ 150.00, \$ 200.00 DX

!!! SINCE THERE IS ONLY ONE OF THESE PACKAGES, SEND ME EMAIL FIRST. !!!

In the event of Multiple Requests, I will Have my Granddaughter Draw the Winning Offer.

The Losers will be offered a Second Deal based on What is in Stock.

SORRY We ONLY found the ONE 1997 SET. Next time I make Hank Dig Deeper :^}

Make your Check/Money Order out to "George D. Gingell" and mail it to me

at 3052 Fairland Road, Silver Spring, MD 20904-7117

OR Payment may be made via "PayPal" to George D. Gingell, K3TKS,<k3tks@abs.net>

<<https://secure.paypal.x.com/refer/pal=k3tks%40abs.net>>

PLEASE REMEMBER to include your Name, Callsign, Current Mailing Address, and QRP ARCI Membership Number if you have one.

1996, 1998, 1999, 2000 Years Sets Still on \$ 24.00 Special Postpaid.

Plus 1 Free Bonus Issue per year set as available.

Sir George, The First :^}

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems, Handyman Services,
Notary Public and Commercial Locksmith Services (301) 572-6789 Office & Fax
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"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Sat, 14 Jul 2001 14:29:29 -0500
From: Randy & Cara Randall <rrrandal@seidata.com>
To: preacher102677@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [102588] Re: feedline...
Message-ID: <3B509D99.861A476C@seidata.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There was a story in QST or 73 concerning this very subject. I recall
that it was OK on 40, 80, 160 but when you went above 10 Mhz the
losses were excessive.

Randy KB8AS0

G Brandon Hoyt wrote:

> On page 14 of the second edition of Doug DeMaw's "QRP Notebook" he
> mentions that he uses speakerwire for feedline from time to time as his
> feedline. His idee is real neet, just pull apart a resonant length, then
> knot the wire at the feedpoint, and run to rig. He says that he gets
> about 70 ohm impedence from the line. What are the loss figgers for such
> a setup? Or Velocity factor?
> You know, all the standard feedline jazz...
>
> LIC,
> G. Brandon Hoyt --"Known far and Wide as the Great Pumpkin."
> Photographer, Philosopher, Preacher, Pirate, Poet.
> DE KG4GVL Clear.
>
>
> -----
> GET INTERNET ACCESS FROM JUNO!
> Juno offers FREE or PREMIUM Internet access for less!

> Join Juno today! For your FREE software, visit:
> <http://dl.www.juno.com/get/tagj>.

--

"Freedom-is not free" -Korean War National Memorial in Washington

Date: Sat, 14 Jul 2001 12:44:15 -0700
From: "Bill Jones" <kd7s@psnw.com>
To: <ronald@atdial.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [102589] Re: 10 meter NVIS
Message-ID: <001b01c10c9d\$6abdb1a0\$078d6bd1@microsoft>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ron,

>From everything I've read, true NVIS propagation simply doesn't happen much
>above 10-12 MHz. A signal directed skyward just penetrates the D & F layers
>and just keeps on going. It is not refracted back to the earth.

=====

Bill Jones - KD7S <><
Sanger, California

=====

----- Original Message -----

From: "Ronald Smith" <ronald@atdial.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, July 14, 2001 11:39 AM
Subject: 10 meter NVIS

> Group;

>

> I am planning on trying NVIS on 10 meters to work two states that are very
> close to me. Can anyone tell me what MUF would be needed to reasonably
> expect a 10 meter signal at a take-off angle of 85 to 90 degrees to be
> reflected? If my reasoning is correct, the MUF would need to be higher
> than
> that needed to return a low take-off angle signal.

>
> My QTH is near Oakland, CA and I am trying to work Nevada and Oregon on
> 10 meters.
>
> Thanks for any help provided.
>
> 73,
>
> Ron, KE6RS, ronald@atdial.net
>
>

Date: Sat, 14 Jul 2001 14:49:07 -0500
From: "Brian Murrey" <bmmurray@amexol.net>
To: "pigs" <fpqrp-l@mpna.com>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [102590] New QST
Message-ID: <00eb01c10c9e\$0d20bd20\$fb532bd1@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The August QST has a great looking homebrew 40m receiver project in it. It's called the WBR Receiver on page 34. (Wheatstone Bridge Regen Receiver) and is touted as being a simple to build, high performance, regen. Very excellent pictures of the authors Manhattan style of building...coupled with true butt-ugly techniques.

Right before this article, there is another wonderful PSK-31 article by the newest member of the QRP Hall of Fame, George Heron N2APB. It's a cool little PSK-31 beacon.

Anyway...thought I'd just toss that out.

=====
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
Member of the American Radio Relay League - SOC #400
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57
=====

Date: Sat, 14 Jul 2001 12:59:31 -0700
From: KB7WW Art Moe <kb7ww@uswest.net>
To: ronald@atdial.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [102591] Re: 10 meter NVIS
Message-ID: <3B50A4A3.856645F4@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In the last few days I have worked stations in cm88, cm87 ,cm89, cm97, cm98, cm99 and CN80 all on 6 meters, seeing that Ten meters gets short before Six you should have no problems working Ore and Nev on E skip. The station in CN80 was at about 400 miles and 40/9 with 100 watts. Look on Ten in the late afternoon and evening.

Art
KB7WW
CN85 Oregon

Ronald Smith wrote:

>
> Group;
>
> I am planning on trying NVIS on 10 meters to work two states that are very
> close to me. Can anyone tell me what MUF would be needed to reasonably
> expect a 10 meter signal at a take-off angle of 85 to 90 degrees to be
> reflected? If my reasoning is correct, the MUF would need to be higher than
> that needed to return a low take-off angle signal.
>
> My QTH is near Oakland, CA and I am trying to work Nevada and Oregon on
> 10 meters.
>
> Thanks for any help provided.
>
> 73,
>
> Ron, KE6RS, ronald@atdial.net

Date: Sat, 14 Jul 2001 16:02:01 -0400
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [102592] OT: Keep Eyes Out For....
Message-ID: <3B50A539.27C76409@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The recent discussion of the RS DSP unit as a good snag at Hamfests was really useful. The 'fests I've been to have tables and tables of....well....errr....junk. Now that I know I should look for one of the DSP's, that should help. But what I, and suspect others as well, could use is the rare vision that turns these tables into treasurelands of junque!

Anyone want to throw out some other things a newbie/returnbie/oldbie might want grab if they see it?

Already been on the look-out for a bag of NE602/612 chips!

73
Ken KG4FGC

Date: Sat, 14 Jul 2001 15:19:14 -0500
From: "Brian Murrey" <bmmurrey@amexol.net>
To: "pigs" <fpqrp-l@mpna.com>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [102593] I have more caps, BNC's, PN2222A's
Message-ID: <005d01c10ca2\$418ed700\$fb532bd1@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

About a month ago I had some .1 uF caps for sale and ran out quick. Unfortunately I didn't make a list of those that wanted them after I ran out.

I have 450 more now. I wasn't sure if I be getting them again but I found some more.

How about 50 for \$3 or 100 for \$5.00 (they're abt 15 cents each from Mouser) and two stamps? I ship in a 4 by 7 padded envelope.

These are green ceramic disk caps, good for bypass caps I am told. That's what I have used them for. Marked 104K.

I still have BNC chassis connectors for

25 for \$12.40
50 for \$21.00
100 for \$36.00
500 for \$138.00

and I have some PN2222A's left for

50 for \$4.50
100 for \$8.25
200 for \$15.50
500 for \$37.00

Let me know if you're interested. All prices are post paid to the USA.

73 es "oo"

=====
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
Member of the American Radio Relay League - SOC #400
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57
=====

Date: Sat, 14 Jul 2001 16:47:43 -0400 (EDT)
From: Frank Brickley <brickley@pobox.com>
To: Randy & Cara Randall <crrandal@seidata.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [102594] Re: feedline...
Message-ID: <Pine.BSI.4.05L.10107141642120.28525-100000@pluto.njcc.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> There was a story in QST or 73 concerning this very subject...
>
> > On page 14 of the second edition of Doug DeMaw's "QRP Notebook" he
> > mentions that he uses speakerwire for feedline from time to time...

It's available on the ARRL tis pages.

However the tests there were on appliance zipcord. I *hope* I'm not making this up, but I believe I recall tests on better-grade speakerwire showing up considerably better than AC zipcord above 10 MHz.

Frank
AB2KT

Date: Sat, 14 Jul 2001 17:14:18 -0400
From: "Alex Turner" <aturner13@triad.rr.com>
To: <aturner13@triad.rr.com>, "Low Power Amateur Radio Discussion" <qrp-
l@lehigh.edu>
Subject: [102595] Re: Low pass filter help
Message-ID: <001d01c10ca9\$f1f73180\$9ede1a42@triad.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well,guys my face is very red I included some of the 40m and some of the
40 meter specs in my previous post. Below is the corrected version and I
doubled checked it is a 5 element Chebyshev. I still cannot get the same
numbers though so if you can verify that this is correct I can try to
work backwards and find where I am going wrong with the tables.
Thanks again for all the help.

Chebyshev filter I have already. It has the following specs:
fco = 14.450 MHz
L1(the input) = 1.18 uHy and the output L3 = the same.
L2 the center = 1.65 uHy
the caps = 240pf each.

Alex N4BYJ

Date: Sat, 14 Jul 2001 17:50:23 EDT
From: K4NK@aol.com
To: qrp-l@lehigh.edu
Subject: [102596] F.S. items
Message-ID: <8d.9556255.2882189f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Folks ;

I am just too busy with my church and seminary . If you don't mind I will list my extensive list of Amateur Radio / QRP items a little at a time.
Thanks

1. Kanga Kit...Unbuilt Super Tee tuner , parts and instructions just as it came.

\$14.00 shipped USA only via UPS

2. For you micro wave guys I have (2) omniyig inc. micro wave oscillators. They

run 68 milliwatts out on 1.2 gig hz., 1 is new sealed , both unused with manual.

\$ 12.00 shipped for both

3. Also for micro wave guys I have 2 new sealed Varian co. 27 Mw. 2.4 Gig oscillators. Was going to do the AO-40 thing. Brand new \$ 14.00 shipped UPS for both USA only.

4. Lastly I HAVE A BRAND NEW NEVER OPENED KPC-3 plus. Bought at HRO few months ago and never got to it. cost \$190.00 sell at \$125.00 shipped.

Thanks Les K4NK

Date: Sat, 14 Jul 2001 17:25:03 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [102597] PC DSP software
Message-ID: <200107142156.f6ELuJZ28428@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi Gang,

Paul, N2PK turned me onto some really neat PC based DSP software out of Germany, called Analyzer 2000. This program does it all. The V5.0 software will even do THD, S/S+N measurements and display VCO phase noise in dBc/Hz. It also does PSK-31 Rx/Tx, sonographs, waterfalls, dig signals out of the noise, decodes multiple CW signals in a 3.1 Khz pass band and a host of other things. Wonderful stuff :-) It's fully functional shareware, but limited to 30 min sessions for 30 days.

<http://www.brownbear.de>

72,

Steve, KD1JV in the White Mountains of New Hampshire
"Melt Solder"
<http://www.qsl.net/kd1jv/index.html>

Date: Sat, 14 Jul 2001 16:14:49 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Cc: Karl Hess <khess4@aol.com>
Subject: [102598] Miracle Antenna
Message-ID: <Pine.LNX.4.33.0107141548420.1963-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I thought I had a rheostat that would work for this antenna shown on page 32 of the July 2001 QST but I can't find any. I did a search for the last month of qrp-1 messages and they are all in the same boat. I think I can get one from:

www.allelectronics.com

for \$5.50 plus shipping. It's in their catalog I got a few days ago. It's CAT# RHE-25. So will order one or 2 monday and get started building the rest of the antenna.

Went to the author's web page which is in the article and he will sell you one made for \$100.00. A friend checked the web page a week or 2 earlier and they were \$50.00...so business is brisk...:-)

I think I can build this antenna for around \$20.00 using some parts I already have found. The secret of the antenna is the use of Ferrite core material that has real low loss and of course only rated to a QRP Gallon of power. The antenna mounts close to the transistors and while there is no special ground for this antenna it's using the same ground the output transistors have. The vertical is very short on all HF bands so the transformer is adding the needed inductance.

If anyone is bringing one they made or bought to Tuthill I want to compare notes. Let me know who you are and we can find you there. I will be in a backpacker's tent with a full size 135 foot long center fed zepp antenna in the trees. WF5A who has a larger tent and an 817 which we will be working DX with....:-)

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sat, 14 Jul 2001 18:27:35 EDT
From: K4NK@aol.com
To: qrp-1@lehigh.edu
Subject: [102599] More F.S items
Message-ID: <11d.1a87c39.28822157@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Again I would like to list some items.

1. Ft. Smith Qrp tick keyer kit. Unbuilt as new.....\$10.00 shipped UPS to USA only.
2. Control Products Unlimited Inc. Nicad charger model GMS-403
Very nice unit has AC supply built in . Does Gel cells nicely too. Lots of features. Sorry can't find the manual at this time ...here somewhere...
\$20.00 shipped UPS
3. I have two cubic incher transmitter kits still sealed one for 80 meters and one for 40 meters , these have the QRP freq. crystals with them. Both \$18.00 shipped

thanks again Les K4Nk

Date: Sat, 14 Jul 2001 16:50:15 -0600
From: "James R. Duffey" <jamesd1@flash.net>
To: <qrp-1@lehigh.edu>, <hoglund@wfu.edu>
Subject: [102600] Ham Fest / Keep Eyes Out For....
Message-ID: <B77628C7.B5BE%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Ken - Another Hamfest item to keep your eye out for:

The MFJ CWF-2 was a very popular CW filter in the 70s. It offers 180, 110, and 80 Hz bandwidths with a 700 Hz center frequency. This is a barebones filter, but it was well designed and has little ringing. It works well. You should be able to pick up one for \$5. They are worth it. On all of these that I have seen the glue holding the battery holder to the case has depolymerized and is loose. A good bargaining ploy is to shake the unit, which will rattle due to the battery holder being loose, while

simultaneously asking "Are you sure that this works?" Smart sellers usually remove the battery.

I used to worry about "bargaining" at Hamfests. I was concerned that if I paid the posted price I would look like a chump, but if I bargained I was worried that the seller might be insulted by the price I offered. Someone suggested that offering the seller 75% of the listed price is a good strategy. I have done this and it works! Often the seller will sell for your offer, sometimes they will counter offer, but usually you can get the object for less than the posted price. Others have more sophisticated strategies. Maybe they will post their secrets. It helps if you don't absolutely have to have the unit and can walk away from the table.

I hope that this helps. Of course if everybody knows the secret, then buyers will raise the prices 25%. This will be our secret right? :^) - Dr.
MEgacycle KK6MC/5

--

James R. Duffey KK6MC/5
30 Casa Loma Road
Cedar Crest, NM 87008

End of QRP-L Digest 2250

